Committed to producing the highest quality standalone access control systems in the World through innovation, dedication to customer service, and continuous improvement.

WWW.OMNILOCK.COM

OMNILOCK®

Access Control Systems

“Committed to producing the highest quality standalone access control systems in the World through innovation, dedication to customer service, and continuous improvement.”

WWW.OMNILOCK.COM
Training Program and Seminars

OSI continues to hold monthly training at the factory for interested Dealers, End-Users, and Distributors. Additionally, training is conducted throughout the nation on a regular basis and in conjunction with annual trade shows. Please visit our website for a list of dates and training locations or get contact information for your regional OSI Sales representative at www.omnilock.com and arrange training for your facility and/or personnel. An example of an OSI Training Seminar flyer is available on the website, and an attendance request for the OM2000 training seminar is shown below:

**OM2000 Team Training**

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Training Event Date(s)</th>
<th>Will you bring a laptop?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Copyright ©2004 OSI Security Devices, Inc. All rights reserved.
OMNILOCK is a Registered Trademark of OSI Security Devices, Inc.

SCHLAGE is a Registered Trademark of Ingersoll-Rand Corporation.
ARROW is a Registered Trademark of Assa Abloy.
FALCON is a Trademark of FALCON LOCK CO.
SARGENT is a Registered Trademark of Assa Abloy.
Microsoft, Windows, Windows NT, Windows CE, ActiveSync, Windows Media, PocketPC and/or other Microsoft products referenced herein are either trademarks or registered trademarks of Microsoft Corporation.
Locknetics is a Registered Trademark of Ingersoll-Rand Corporation.
Medeco is a Registered Trademark of Medeco Security Locks, Inc.
Best is a Registered Trademark of Best Access Systems, Inc.
Jornada is a Registered Trademark of Hewlett-Packard Company
iPAQ is a Registered Trademark of Compaq Computer Corp.
HID is a Registered Trademark of the HID Corporation.
Von Duprin is a Registered Trademark of the Ingersoll-Rand Corporation.
Cassiopeia is a Registered Trademark of the Casio Corporation
Rentallock is a Registered Trademark of RentalLock, Inc.
About the Company

OSI Security Devices is a privately held corporation that was founded in 1986 in Sunnyvale, California. All members of the company’s Board of Directors hail from the high-tech defense electronic, software engineering, the security industry, or the legal career fields of Silicon Valley. Shortly after its founding, OSI Security Devices introduced one of the World’s First battery-operated standalone electro-mechanical locks: the OMNILOCK® OM250. The OM250 firmly established OSI’s reputation of strength and reliability (it should be noted that OSI still manufactures the OM250 some seventeen years later!). Improvements to the keypad-programmable product line came in 1994 with the OM100, 300, and 500 series systems. In 1997, OSI relocated to San Diego, and in 1999 the company embarked on an ambitious program to upgrade the product array. Incorporating feature-rich software and advanced magnetic card and HID proximity technologies, the OMNILOCK 2000-series systems offer the ability to enroll up to 2000 users per lock and the ability to manage facilities of over 65,000 users. In line with its technical backbone, OSI currently offers customers internet-based technical or training support over the internet via Desktop Streaming. This state-of-the-art service allows our technical support personnel to come right to the desktop of customers nationwide and perform demonstrations or assist customers with their computer-based OSI software. Please give our customer service department a call and then visit www.omnilock.com/help for a live demonstration.

OSI presently offers Keypad-only systems (OM100, 300, and 500) as well as Magnetic or HID Proximity card technology systems (OM2000 or OP2000, respectively). All of these technologies are available in the following hardware configurations: Cylindrical (Schlage or Arrow), Mortise (Schlage or Falcon), Wall Mount (for controlling electrified hardware such as electric strikes, magnetic locks, elevators, or electric gates), and Exit Device Trim (Von Duprin, Corbin-Russwin, Yale, Precision, Sargent, and Arrow). Additionally, OSI offers Quick Adapter products that adapt to existing Schlage Cylindrical or selected Mortise locksets. The Cylindrical Quick Adapter works with the pre-2004 Schlage D-50, D-53, D-60, D-66, D-70, D-73, D-80, D-82, and D-85 locks with either standard or interchangeable cylinder cores. The Mortise Quick Adapter is currently available for use with the Gibraltar auto-deadbolt lock; but will later be available for use with the Schlage L-series, the Corbin-Russwin Emhart series, and the Falcon and Best Mortise locks.

Another group of exciting new products is the OMNILOCK OP100, 300, and 500 series. These locks received UL approval in June 2003 and will be available in December 2003. These locks allow end users to program keypad codes or HID proximity cards at the door using the WP4000 printer or any approved PocketPC®. Additionally, proximity credentials may be enrolled in these locks without the use of a printer or PocketPC and keypad-code users may be batch enrolled using text files that have been created by the end user on their personal computer. Also, the audit trail from the OP135 may be uploaded to a personal computer from the PocketPC and displayed or printed as a text file. The OP135-series locks offer the same time schedules, user groups, and audit trail features of the keypad-only OM100, 300, 500 series systems. Please pay a visit to www.Rentallock.com for a look at the future of technology in the timeshare, resort, and property management markets.

As new products like the Mortise Quick Adapter, the OP100, 300, and 500 Series Proximity locks, and the Rentallock emerge, OSI will continue to establish itself as the most technically innovative and responsive company in the industry. OSI Security Devices is committed to producing the highest quality standalone access control systems in the World through innovation, dedication to customer service, and continuous improvement.

PROUDLY MADE IN THE USA
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training Programs and Seminars</td>
<td>Inside Cover</td>
</tr>
<tr>
<td>About the Company</td>
<td>3</td>
</tr>
<tr>
<td>OMNILOCK Product Line Overview</td>
<td>7</td>
</tr>
<tr>
<td>New Products</td>
<td>9</td>
</tr>
<tr>
<td>New Technology</td>
<td>11</td>
</tr>
<tr>
<td>New Programs</td>
<td>12</td>
</tr>
<tr>
<td>OMNILOCK Product Ordering Sequence</td>
<td>13</td>
</tr>
<tr>
<td>Examples for Ordering OMNILOCK Systems</td>
<td>14</td>
</tr>
<tr>
<td>Ordering Trim, Style, Finish, and Cylinders</td>
<td>16</td>
</tr>
<tr>
<td>OM100, 300, and 500 Keypad-Only Electronic Locks</td>
<td>17</td>
</tr>
<tr>
<td>OM100, OM300, OM500 Functional Specifications</td>
<td>19</td>
</tr>
<tr>
<td>OP100, 300, and 500 Keypad and Proximity Locks</td>
<td>20</td>
</tr>
<tr>
<td>OM100, OM300, OM500 Functional Specifications</td>
<td>22</td>
</tr>
<tr>
<td>OM2000 Keypad and Magnetic Card Reader Locks</td>
<td>23</td>
</tr>
<tr>
<td>OM2000 Functional Specifications</td>
<td>25</td>
</tr>
<tr>
<td>OP2000 Keypad and Proximity Card Reader Locks</td>
<td>26</td>
</tr>
<tr>
<td>OP2000 Functional Specifications</td>
<td>28</td>
</tr>
<tr>
<td>OMNILOCK Cylindrical Quick Adapter Systems</td>
<td>29</td>
</tr>
</tbody>
</table>
# Table of Contents

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>OMNILOCK Exit Device Trims</td>
<td>31</td>
</tr>
<tr>
<td>OMNILOCK Exit Device Adapter Plates</td>
<td>33</td>
</tr>
<tr>
<td>OMNILOCK Mortise Quick Adapters</td>
<td>34</td>
</tr>
<tr>
<td>OEM Product: The Rentallock</td>
<td>37</td>
</tr>
<tr>
<td>OMNILOCK Hardware Specifications</td>
<td>39</td>
</tr>
<tr>
<td>Cylindrical Lockset Specifications</td>
<td>39</td>
</tr>
<tr>
<td>Mortise Locket Specifications</td>
<td>40</td>
</tr>
<tr>
<td>Wall Mount System Specifications</td>
<td>41</td>
</tr>
<tr>
<td>OMNILOCK Physical Specifications</td>
<td>42</td>
</tr>
<tr>
<td>Architect and Engineering Specifications</td>
<td>43</td>
</tr>
<tr>
<td>OM100, 300, 500 A &amp; E Specifications</td>
<td>43</td>
</tr>
<tr>
<td>OP100, 300, 500 A &amp; E Specifications</td>
<td>43</td>
</tr>
<tr>
<td>OM2000 A &amp; E Specifications</td>
<td>44</td>
</tr>
<tr>
<td>OP2000 A &amp; E Specifications</td>
<td>44</td>
</tr>
<tr>
<td>Integrated Systems</td>
<td>45</td>
</tr>
<tr>
<td>System 1 for OM2000 Magnetic Card Systems</td>
<td>45</td>
</tr>
<tr>
<td>System 2 for OP2000 Proximity Card Systems</td>
<td>46</td>
</tr>
<tr>
<td>Access Control System Software and Software Services</td>
<td>47</td>
</tr>
</tbody>
</table>
## Table of Contents

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Access Control System Accessories</strong></td>
<td>48</td>
</tr>
<tr>
<td><strong>Approved Programming Printers and PocketPCs (Dec 2003)</strong></td>
<td>49</td>
</tr>
<tr>
<td><strong>Parts and Accessories</strong></td>
<td>50</td>
</tr>
<tr>
<td>Proximity Cards, Fobs, and eProx tags</td>
<td>50</td>
</tr>
<tr>
<td>Track-2 and Track-3 Magnetic stripe cards</td>
<td>50</td>
</tr>
<tr>
<td><strong>User Manuals and Replacement Parts</strong></td>
<td>51</td>
</tr>
<tr>
<td><strong>Weather Covers and Wraparound Plates</strong></td>
<td>52</td>
</tr>
<tr>
<td><strong>Replacement Motorized Locks</strong></td>
<td>53</td>
</tr>
<tr>
<td><strong>Demonstration Units</strong></td>
<td>54</td>
</tr>
<tr>
<td><strong>Demonstration Unit Request Form</strong></td>
<td>56</td>
</tr>
<tr>
<td><strong>Programs and Policies</strong></td>
<td>57</td>
</tr>
<tr>
<td><strong>Notes</strong></td>
<td>59</td>
</tr>
</tbody>
</table>
OMNILOCK Product Line Overview

**OMNILOCK OM100, OM300, OM500 Keypad-Only Systems**
electronic locks. These systems control access for up to 500 users and install easily. They offer audit trails, time schedules, and are available in Grade-1 Cylindrical (at left), Mortise, Wall Mount, Quick Adapter, and Exit Device trim configurations.

These systems are featured on pages 9, 17, 18, and 19. Ordering information is available on pages 13-16, and 18. For Installation Instructions, Price Lists and programming flow charts please visit the OSI website at [www.omnilock.com](http://www.omnilock.com).

**OMNILOCK OM2000 Keypad-and Magnetic Card Readers**
electronic locks. These systems control access for up to 2000 users and install easily. They offer audit trails up to 50,000 events, time schedules, and are available in Grade-1 Cylindrical, Mortise, Wall Mount (at left), Quick Adapter, and Exit Device trim configurations.

These systems are featured on pages 23, 24, and 25. Ordering information is available on pages 13-16, and 24. For Installation Instructions, Price Lists and programming flow charts please visit the OSI website at [www.omnilock.com](http://www.omnilock.com).

**OMNILOCK OP2000 Keypad-and Proximity Reader Systems**
electronic locks. These systems control access for up to 2000 users and install easily. They offer audit trails up to 50,000 events, time schedules, and are available in Grade-1 Cylindrical, Mortise (at left), Wall Mount, Quick Adapter, and Exit Device trim configurations.

These systems are featured on pages 26, 27, and 28. Ordering information is available on pages 13-16, and 27. For Installation Instructions, Price Lists and programming flow charts please visit the OSI website at [www.omnilock.com](http://www.omnilock.com).

**OMNILOCK Cylindrical Quick Adapter Systems**
Access control adapter systems. These systems are available in **ALL** of the above configurations—keypad-only, magnetic card, or proximity reader. They offer the same features as the above products. The QA adapts to pre-2004 Schlage D-50, 53, 60, 66, 70, 73, 80, 82, and 85 lever Cylindrical locks with standard or interchangeable cylinders.

These systems are featured on pages 28, 29, and 30. Ordering information is available on pages 13-16 and 30. For all Installation Instructions, Price Lists and programming flow charts please visit the OSI website at [www.omnilock.com](http://www.omnilock.com).
OMNILOCK Exit Device Trims
For use with new or existing Exit Devices. These trims are available in keypad-only, magnetic stripe card reader-and-keypad (shown at left), or in HID proximity card reader-with-keypad configurations. They are compatible with a multitude of manufacturer’s devices.

These systems are featured on pages 10, 31, 32, and 33. Ordering information is available on pages 13-16, and 32-33. For Installation Instructions, Price Lists and programming flow charts please visit the OSI website at www.omnilock.com.

OMNILOCK Mortise Quick Adapter Systems
These systems retrofit to existing mortise locks and provide access control to facilities using existing hardware. These systems are available in keypad-only, magnetic stripe card reader-and-keypad (shown at left), or in HID proximity card reader-with-keypad configurations.

These systems are featured on pages 11, 34, 35, and 36. Ordering information is available on pages 13-16, and 36. For Installation Instructions, Price Lists and programming flow charts please visit the OSI website at www.omnilock.com.

OMNILOCK OEM Product: The Rentallock
These systems are designed to be used in resort or rental property management locations. Although these systems are designed and manufactured by OSI Security Devices, they are actually distributed and sold through Rentallock, Inc. of Natchez, Mississippi.

These systems are featured on pages 36 and 37. For ordering information contact Rentallock at (601) 442-8800. For Installation Instructions, Price Lists and programming flow charts please visit the Rentallock website at www.Rentallock.com.

OMNILOCK OP100, 300, 500 Series Systems
These systems offer all the features of the OM100, 300, 500-Series locks but allow enrollment of HID Proximity cards AT THE DOOR! These systems require no laptop but a PocketPC or WP4000 printer for Audit retrieval. Available in Grade-1 Cylindrical (at left), Mortise, Wall Mount, Quick Adapter, and Exit Device trim configurations.

These systems are featured on pages 9, 20, 21, and 22. Ordering information is available on pages 13-16 and 21. For all Installation Instructions, Price Lists and programming flow charts please visit the OSI website at www.omnilock.com.
New Products

The new OM100, 300, and 500 systems have all of the features that have established this product as the access control system of choice at hundreds of facilities worldwide; yet the new systems offer several innovative new changes. First, these systems are programmable by the standard WP4000 printer or by an approved Windows® CE PDA (see page 48). Second, the OM100, 300, and 500 are built into the same housing as the 2000-series are built, which allows OSI to deliver this product in the different architectural finishes and powder coats. Third, the newest line of OMNILOCK OM100, 300, and 500s is also available in the Quick Adapter configuration for use with nine of the existing pre-2004 Schlage D-series Cylindrical locks. Not only can existing OM250 or OM135 customers program these new locks with their WP4000 printers, but also our loyal 2000-series users are able to program at the door using their Windows® CE® Devices. Available in the Schlage or Arrow Cylindrical, the Schlage or Falcon Mortise, Wall Mount, Quick Adapter, or six different Exit-Device Trim configurations.

Program HID Proximity Cards at the Door with the new OP100, 300, 500

OSI has designed the new OP135 Keypad-and-Proximity Card systems to operate and program the same as the traditional OM100, 300, or 500 systems. Locks are programmed using any of the approved Windows® PocketPCs (see page 48) or the traditional WP4000 printer. Users may be Keypad-code users or HID Proximity Card or Keyfob users. The OP135 systems can control the access of up 500 users per door and have an onboard audit trail in excess of 750 events. All OP135 systems feature programmable Time and Holiday schedules. Like all OMNILOCK systems, the OP135 is available in Schlage or Arrow Cylindrical, Schlage or Falcon Mortise or Mortise-with-Deadbolt, Wall Mounted System, Quick Adapter for pre-2004 Schlage D-Series Cylindrical locks, or in Panic and Fire Exit-Device Trim configurations.
The Quick Adapter adapts to your **Existing Schlage D-Locks**!

The Quick Adapter adapts to pre-2004 Schlage D-50, D-53, D-60, D-66, D-70, D-73, D-80, D-82, and D-85 Cylindrical lever locks with standard or interchangeable cylinder cores. Available as a QA100, 300, or 500 Keypad-only system, a QP100, 300, or 500 Keypad plus Proximity system, a QA2000 Magnetic card reader system, or as a QP2000 Proximity card reader system (Contact OSI for an expanded list of Schlage D-Series locks that are compatible with the Quick Adapter).

---

**Exit Device Trims**

OSI now offers Exit Device Trims for use with rim control exit devices. This trim is available for Von Duprin, Corbin-Russwin, Precision, Yale, Sargent, and Arrow Exit Devices. These systems are available as the OM100, OM300, OM500 Keypad-only system, the OP100,300, 500 Keypad-and-Proximity system, the OM2000 Magnetic card reader system, or as the OP2000 HID Proximity card reader system. These systems install in the **Existing** door preparation for a standard mechanical trim thus, unlike the competitors, **No Holes** need to be drilled in your door!
New Technology

New Processes provide even more Competitive Advantages for OSI

It's no secret in the industry that OSI Security Devices engineered the **First Standalone Access Control Systems in the WORLD** in 1986. Utilizing our Silicon-Valley based technology team’s wizardry, the latest conformal coatings, and military specification components, OSI introduces another first—Weatherized Standalone locks that install without drilling the unsightly holes in doors that all of our competitors require. These systems thrive in 100% humid environments ranging from −20 to +54 degrees Celsius (−4 to +129 degrees Fahrenheit). Order “W” instead of “WX”.

**Example:** OP2000-C-SR-626-G-ICI-W-P

Above example is for a Cylindrical HID Proximity reader system on an Arrow chassis with a small-format interchangeable core and Weatherized to −20 to +54 degrees Celsius (shown above right)

**Mortise Quick Adapter and Mortise Deadbolt Lockout (MD-L) Systems**

OSI now offers a product that will retrofit to selected Mortise locksets. The new Mortise Quick Adapter has been designed to retrofit existing Gibraltar, Winfield, Safelok, or Microkey Mortise or Mortise-with-deadbolt systems. These systems are available as the OM100, OM300, OM500 Keypad-only system, the OP100,300, 500 Keypad-and-Proximity system, the OM2000 Magnetic card reader system, or as the OP2000 HID Proximity card reader system. These systems install in the Existing door preparation for these selected Mortise locksets and, unlike the competitors, require No Holes drilled in your door! Below left is a QP2000 HID-proximity adapter for use with several selected Mortise locksets. Double-sided Institution locks also available!

The new Mortise-Deadbolt-Lockout (MDL) system (at right) allows privacy function for certain applications. If the deadbolt is thrown, keypad, magnetic card, or prox cards will not unlock the door. A mechanical key will unlock the deadbolt in case of emergency. This system is available in all OMNILOCK electronic configurations (i.e. keypad, magnetic card, proximity card) and is available only on the Schlage locksets.
New Programs

New Component Modification Program
offered for Schlage D-Series Cylindrical,
Schlage L-Series Mortise, and Sargent
10-Line Cylindrical Hardware Systems

This program allows OSI Distributors to stock motorized lock chassis. OSI motorizes and tests the locks and then ships them separately or accompanied by the appropriate Electronics Module (i.e. EM2000-M-SX-B-N-P: the electronics module for a Schlage Mortise OM2000). Used lock chassis in good condition are acceptable in this program to allow retrofit of end users’ assets. Minimum order quantity is five units. The selected locksets are the pre-2004 Schlage D-series Cylindrical locks, the Schlage L-9070, L-9080, or L-9453 Mortise locks, or the Sargent 10-Line Cylindrical locks. For end users that use any or all of these three hardware sets, this is a great opportunity to add access control to a facility and use the facility’s existing assets!

Demo Request Program allows End
Users to Test our Systems for 30 Days

The OMNILOCK Demo Program is intended to allow interested potential end users the opportunity to try our products for a 30-day period AT NO RISK. We are completely confident that when a new prospect gets to experience our durable hardware and easy-to-operate software, they will not hesitate to adopt the OMNILOCK product line. Please note that the form requires: 1) the NAME of the Distributor’s salesperson, 2) the LIST PRICE of the product(s) that are involved in the demo, and 3) the SIGNATURE of the end user who is trying the product.

We have experienced great results with this program. We encourage interested potential customers to fill out and pass this form to their Regional Dealers and Distributors. Please review the attached Demo Request Form on page 56.
OMNILOCK Product Ordering Sequence

PRODUCT CLASS

PRODUCT USERS

PRODUCT TYPE

PRODUCT TRIM

PRODUCT TRIM FINISH

PRODUCT HOUSING FINISH

PRODUCT KEY CYLINDER

PRODUCT ENVIRONMENT

PRODUCT BUTTONS

PRODUCT SPECIAL FEATURE

ORDERING NUMBER FORMAT

----- --

OM OMNILOCK MODULE (KEYPAD AND/OR MAGNETIC CARD)
QA QUICK ADAPTER
EM ELECTRONICS MODULE
OP (OM) WITH PROX
QP (QA) WITH PROX
PM PROX ELECTRONICS MODULE
RL RENTAL LOCK

ADB AUTOMATIC DEAD BOLT
C CYLINDRICAL DEAD BOLT
M MORTISE DEAD BOLT
MD MORTISE DEAD BOLT LOCKOUT
MR RETROFIT DEAD BOLT
WMS WALL MOUNT SYSTEM
X EXIT DEVICE

OM OMNILOCK MODULE (KEYPAD AND/OR MAGNETIC CARD)
QA QUICK ADAPTER
EM ELECTRONICS MODULE
OP (OM) WITH PROX
QP (QA) WITH PROX
PM PROX ELECTRONICS MODULE
RL RENTAL LOCK

SR ARROW SIERRA (LEVER)
BBR ARROW BROADWAY (LEVER)
VN ARROW VENTURA (LEVER)
ATH SCHLAGE ATHENS (LEVER)
RHO SCHLAGE RHODES (LEVER)
SPA SCHLAGE SPARTA (LEVER)
03 SCHLAGE 03 (LEVER, MORT)
05 SCHLAGE 05 (LEVER, MORT)
06 SCHLAGE 06 (LEVER, MORT)
07 SCHLAGE 07 (LEVER, MORT)
12 SCHLAGE 12 (LEVER, MORT)
17 SCHLAGE 17 (LEVER, MORT)
72 SCHLAGE 72 (LEVER, MORT)
73 SCHLAGE 73 (LEVER, MORT)
SX SCHLAGE (NO TRIM)
41 SCHLAGE 41 (KNOB, MORT)
42 SCHLAGE 43 (KNOB, MORT)
DG FALCON DG (LEVER, MORT)
DG FALCON GG (LEVER, MORT)
SG FALCON SG (LEVER, MORT)
FX FALCON (NO TRIM)
N/A NOT APPLICABLE
WCR WINFIELD CONTINENTAL RIGHT HAND
WCL WINFIELD CONTINENTAL LEFT HAND
WCRR WINFIELD CONTINENTAL RIGHT HAND REVERSE BEVEL
WCLR WINFIELD CONTINENTAL LEFT HAND REVERSE BEVEL

N 0 TO 54°C NOT WARRANTED FOR OUTDOOR USE
W -20° TO 54°C OUTSIDE, FOR DIRECT EXPOSURE TO RAIN AND SNOW (BATTERIES AND ELECTRONICS OUTSIDE)
WX -40° TO 54°C OUTSIDE, 0 TO 54°C INSIDE, FOR DIRECT EXPOSURE TO RAIN AND SNOW (BATTERIES AND ELECTRONICS INSIDE)

Z KEYPAD ONLY (OM2000 ONLY)
D SCHLAGE MORTISE FOR 2" THICK DOOR
K OPTION 1 KEY DETECTION
001 REFER TO SPECIALS LOG
P PLASTIC (ACETAL)
NB NO BUTTONS

S SATIN CHROME (Optional OM2000 Series only)
B BLACK POWDER COAT (Standard 100,300,500)
G STORM GRAY POWDER COAT (WMS ONLY)

STD STANDARD
ICI IC CYL, INTERCHANGEABLE (NO CORE)
ICR IC CYL, REMOVEABLE (NO CORE)
NO NO CYL
ME MEDECO UTILITY CYLINDER (WMS ONLY)
BE BEST UTILITY CYLINDER (WMS ONLY)

605 POLISHED BRASS
606 SATIN BRASS
612 SATIN BRONZE
613 OIL RUBBED BRONZE
625 POLISHED BRONZE
626 SATIN CHROME
XXX NOT APPLICABLE
Example for Ordering OM100, OM300, or OM500 Keypad-Only Electronic Locks

Example:
1. Select **Model** (OM, QA)  
2. Select **User Capacity** (100, 300, or 500)  
3. Select **Configuration** (C, M, MD, MR, MDR, WMS, X)  
4. Select **Trim Style** (see trim styles on pages 13 and 16)  
5. Select **Trim Finish** (see finishes on pages 13 and 16)  
6. Select **Finish** (B (black), G (grey), S (chrome))  
7. Select **Cylinder** (STD, ICI, ICR, ME, BE)  
8. Select **Environment** (N, W, or WX)  
9. Select **Button Type** \{P (acetal buttons), NO\}  
10. Select **Key Bypass Audit Detection**

NOTE: The above example is for an OM500 Keypad-only lock, Mortise-with-deadbolt Configuration, Schlage 06 Trim, 613 Finish, Black Housing, Standard-core Cylinder, Non-weatherized Environment, Standard Button type.

Example for Ordering OM2000 Keypad and Magnetic Card Reader Locks

Example:
1. Select **Model** (OM, QA)  
2. Select **User Capacity** (2000)  
3. Select **Configuration** (C, M, MD, MR, MDR, WMS, X)  
4. Select **Trim Style** (see trim styles on pages 13 and 16)  
5. Select **Trim Finish** (see finishes on pages 13 and 16)  
6. Select **Finish** (B (black), G (grey), S (chrome))  
7. Select **Cylinder** (STD, ICI, ICR, ME, BE)  
8. Select **Environment** (N, W, or WX)  
9. Select **Button Type** \{P (acetal buttons), NO\}  
10. Select **Key Bypass Audit Detection**

NOTE: The above example is for an OM2000, Cylindrical Configuration, Schlage Rhodes Trim, 626 Finish, Satin Chrome Housing, Interchangeable-core Cylinder, Weatherized Environment, Standard Button type, and with Key Bypass Audit Detection.

Example for Ordering OP2000 Keypad and Proximity Card Reader Locks

Example:
1. Select **Model** (OP, QP)  
2. Select **User Capacity** (2000)  
3. Select **Configuration** (C, M, MD, MR, MDR, WMS, X)  
4. Select **Trim Style** (see trim styles on pages 13 and 16)  
5. Select **Trim Finish** (see finishes on pages 13 and 16)  
6. Select **Color** (B (black), G (grey))  
7. Select **Cylinder** (STD, ICI, ICR, ME, BE)  
8. Select **Environment** (N, W, or WX)  
9. Select **Button Type** \{P (acetal buttons), NO\}  
10. Select **Key Bypass Audit Detection**

NOTE: The above example is for an OP2000 Keypad and Proximity Card Reader lock, Cylindrical Configuration, Arrow Sierra Trim, 626 lock Finish, Grey Housing, Standard-core Cylinder, Non-weatherized Environment, Standard Button type, with no Key Bypass Audit Detection.
Example for Ordering OMNILOCK Quick Adapter Exit Device Trims

Example:
1. Select **Model** (QA, QP) 
   **QA**
2. Select **User Capacity** (100, 300, 500, 2000) 
   **QA500**
3. Select **Configuration** (X) 
   **QA500-X**
4. Select Trim **Style** (see trim styles on pages 13 and 16) 
   **QA500-X-SR**
5. Select Trim **Finish** (see finishes on pages 13 and 16) 
   **QA500-X-SR-605**
6. Select Housing **Color** (B (black), G (grey), S (chrome)) 
   **QA500-X-SR-605-B**
7. Select **Cylinder** (STD, ICI) 
   **QA500-X-SR-605-B-STD**
8. Select **Environment** (N or W) 
   **QA500-X-SR-605-B-STD-W**
9. Select **Button** Type {P (acetal buttons)} 
   **QA500-X-SR-605-B-STD-W-P**

**NOTE:** The above example is for a QA500, Exit Device Configuration, Sierra Trim, 605 Finish, Black Housing, Standard-core Cylinder, Weatherized Environment, Standard Button type.

Example for Ordering OMNILOCK Mortise Quick Adapters and Auto Deadbolts

Example:
1. Select **Model** (OM, OP, QA, QP) 
   **OM**
2. Select **User Capacity** (100, 300, 500, 2000) 
   **OM2000**
3. Select **Configuration** (M, ADB) 
   **OM2000-ADB**
4. Select Trim **Style** (see trim styles on pages 13 and 16) 
   **OM2000-ADB-WCR**
5. Select Trim **Finish** (see finishes on page 13 and 16) 
   **OM2000-ADB-WCR-626**
6. Select Housing **Color** (B (black), G (grey), S (chrome)) 
   **OM2000-ADB-WCR-626-S**
7. Select **Cylinder** (STD, NO) 
   **OM2000-ADB-WCR-626-S-STD**
8. Select **Environment** (N, W, or WX) 
   **OM2000-ADB-WCR-626-S-STD-WX**
9. Select **Button** Type {P (acetal buttons), NO} 
   **OM2000-ADB-WCR-626-S-STD-WX-P**
10. Select **Key Bypass Audit Detection** 
    **OM2000-ADB-WCR-626-S-STD-WX-P-K**

**NOTE:** The above example is for a QA 2000 Mortise Adapter, Auto Deadbolt Configuration, Winfield Continental Regular lever for use with Gibraltar-style locks, 626 Finish, Satin Chrome Housing, Standard Cylinder, Weatherized Environment, Standard Button type, with Key Bypass Audit Detection.

Example for Ordering OP100, 300, 500 Keypad and Proximity Reader Locks

Example:
1. Select **Model** (OP, QP) 
   **OP**
2. Select **User Capacity** (100, 300, or 500) 
   **OP500**
3. Select **Configuration** (C, M, MD,MR, MDR, WMS, X) 
   **OP500-C**
4. Select Trim **Style** (see trim styles on pages 13 and 16) 
   **OP500-C-SR**
5. Select Trim **Finish** (see finishes on page 13 and 16) 
   **OP500-C-SR-626**
6. Select Housing **Color** (B (black), G (grey), S (Satin)) 
   **OP500-C-SR-626-G**
7. Select **Cylinder** (STD, ICI, ICR, ME, BE) 
   **OP500-C-SR-626-G-STD**
8. Select **Environment** (N, W, or WX) 
   **OP500-C-SR-626-G-STD-N**
9. Select **Button** Type {P (acetal buttons), NO} 
   **OP500-C-SR-626-G-STD-N-P**

**NOTE:** The above example is for an OP500, Cylindrical Configuration, Arrow Sierra Trim, 626 lock Finish, Grey Housing, Standard-core Cylinder, Non-weatherized Environment, Standard Button type.
Available Trim Style, Finish, and Cylinders

OMNILOCK Systems are available in all architectural finishes and are available in the various trim styles offered by Schlage, Falcon, and Arrow. Standard finish is Satin Chrome (626). Standard trims are as follows:

- Schlage Cylindrical lock standard trim style is Rhodes (RHO)
- Arrow Cylindrical lock standard trim style is Sierra (SR)
- Schlage Mortise lock standard trim style is 06 (06)
- Falcon Mortise lock standard trim style is Dane Gala (DG)

**NOTE:** there is an **up-charge** for non-standard trims and finishes (lead times may be longer)

### Cylindrical Trim (see page 13 for list of trims, finishes, and ordering sequence)

- Schlage Rhodes Standard (RHO)
- Schlage Sparta (SPA)
- Schlage Athens (ATH)
- Schlage Omega (OME)

### Mortise Trim (see page 13 for list of trims and ordering sequence)

- Schlage 06
- Schlage 03
- Schlage 05
- Schlage 07
- Schlage 12
- Schlage 17

**NOTE:** Falcon DG, SG, QG are not shown. Falcon DG trim resembles Schlage 06 trim, Falcon SG trim resembles the Schlage 03 Mortise trim, and Falcon QG closely resembles the Schlage 07 trim shown above.

### Key Cylinders (see pages 13, 14 and 15 for ordering sequences)

Standard cylinder for Schlage Cylindrical and Mortise locks is the Schlage ‘C’ keyway. Arrow locks standard keyway is the Schlage-compatible ‘CS’ keyway. For Falcon locks the standard keyway is the Falcon ‘G’ keyway. Interchangeable cores preparations are available for all models of the OMNILOCK systems locks (cores not provided). ICI designates Best, Falcon, or Arrow Small format. ICR designates Large format keyway. Wall Mount Systems are now available with Medeco Cam locks (order ME) or with Best 5E utility cylinders (order BE).

**NOTE:** Arrow Cylindrical locks and Exit Device trims are **not** available in ICR large format
OM100, 300, 500 Keypad-Only Electronic Locks

OSI has designed this generation of 100, 300, and 500-user locks to be extremely versatile, rugged, and reliable. As always, OSI cylindrical locks install in a standard ANSI 156.2 (formerly 161) door prep and, unlike the competitors products, require NO extra holes to be drilled in the door. These locks are programmable at the door by either the traditional WP4000 printer or by using an approved Windows® CE PDA (see page 49). The OM100, 300, and 500 locks record the audit trail of the last 250, 500, or 750 events respectively. Users may be assigned membership in user groups and group access may be controlled by time schedules. Up to 32 holidays may be pre-programmed in any of these systems. Locks may be programmed to lock or unlock automatically or to unlock and remain unlocked after the first valid code is entered. OSI now offers the OM100, 300, and 500 in a Quick Adapter configuration for easy retrofit to selected Schlage D-series cylindrical locks. This series of locks is therefore available in Cylindrical, Mortise, Mortise-with-deadbolt, a Wall Mount System (controls electrified hardware such as electric strikes, magnetic locks, elevators, or electrified exit devices), and a Quick Adapter configuration (the Quick Adapter adapts to pre-2004 Schlage D-50, D-53, D-60, D-66, D-70, D-73, D-80, D-82, and D-85 lever locks). The QA135 is also available as a retrofit trim for Von-Duprin, Corbin-Russwin, Precision, Yale, Sargent, and Arrow Rim Exit Devices. Lastly, the powerful electronics module will retrofit to existing OM50, OM100, OM300, OM500, or OM2000 and OP2000 OMNILOCK systems!

Falcon or Schlage Mortise or Mortise-with-Deadbolt. Standard or IC Core cylinders available (accepts 1-3/8-inch to 1-3/4-inch Mortise cylinder lengths).
OM100, 300, 500 Keypad-Only Electronic Locks

System Requirements

The OM100, 300, and 500 Cylindrical, Mortise, Mortise-with-deadbolt, Quick Adapter, Wall Mount System, or Exit Device Trim locks are programmable at the door with either the traditional WP4000 printer or by using an approved Windows® CE® PDA. Therefore, all you need to get started is a WP4000 printer or an approved Windows® CE® Device or approved PocketPC® running OSI Software (see page 49), and any number of OM100, OM300, or OM500 locks. No awkward plug-in cables or proprietary Data Transfer Modules (DTM) are required to program these systems.

How to Order OM100, OM300, or OM500 Keypad-Only Electronic Locks

Example:
1. Select Model (OM, QA) OM
2. Select User Capacity (100, 300, or 500) OM500
3. Select Configuration (C, M, MD, MR, MDR, WMS, X) OM500-MD
4. Select Trim Style (see trim styles on page 13 and 16) OM500-MD-06
5. Select Trim Finish (see finishes on pages 13 and 16) OM500-MD-06-613
6. Select Housing Color {B (black), G (grey), S (chrome)} OM500-MD-06-613-B
7. Select Cylinder (STD, ICI, ICR, ME, BE) OM500-MD-06-613-B-STD
8. Select Environment (N, W, or WX) OM500-MD-06-613-B-STD-N
9. Select Button Type {P (acetal buttons)} OM500-MD-06-613-B-STD-N-P

NOTE: The above example is for an OM500, Mortise-with-deadbolt, Schlage 06 Trim, 613 Finish, Black color Housing, Standard key Cylinder, Non-weatherized Environment, Standard Button type
OM100, OM300, OM500 Functional Specifications

ACCESS LEVELS
Unlocked: Free passage - handle unlocked.
Unlocked With Code: Unlocked after 'first code in'.
Code Required: Valid code required for entry.
Lockout: Sub master or Master code required for entry.
Shutdown: Master Code required for entry.
Anti-tamper: Initially set after 3 consecutive invalid code entries. Additional key presses ignored for 10 seconds.

CODE TYPES
All codes are from 4 to 9 digits long as determined by the length of the Master Code.

General User Code
Purpose: Allows access when access level is at Code Required and user group is enabled.
Quantity: 100 for OM100; 300 for OM300; 500 for OM500. Codes are assignable into four user groups.

Service Code
Purpose: Variable lifetime code - allows temporary (time limited) access to service personnel.
Quantity: 1

Sub-master Code
Purpose: Limited Programming and Entry code.
Quantity: 8

Master Code
Purpose: Programming, Entry code and Shutdown.
Quantity: 1

Audit Code
Purpose: Outputs Audit Log Report to WP4000 wireless printer or compatible PocketPC.
Quantity: 1

AUDIT LOG Transactions: Retains last 250 events for OM100; 500 events for OM300; or 750 events for OM500.
Record Format: Date, Time, Identity, Transaction.
Transaction Types: 16

INTERNAL CLOCK
Resolution: 1 minute with leap year correction.
Daylight Savings: Automatic or manual corrections.

TIME SCHEDULE
Sets Access level and/or controls access for user groups automatically at preprogrammed times.
Capacity: 144 scheduled events.
User Groups: 4
Holidays: 32

FACILITY AUTOCODE
Multiple locks can be quickly set up with identical access codes to accommodate any number of users throughout a campus or building complex.

BATTERIES
Type: Four size 'AA' 1.5 Volt Alkaline
Expected Life: 5 years / 100,000 operations under normal operating conditions (40 to 80 °F room temperature).
Low Battery Warning: LEDs will flash Green-Red-Red on each entry to alert users of a low battery condition. Normal operation will continue for several hundred entries before entering Shutdown level.
Memory Retention: All codes, programming, etc. will be retained for 1 minute with batteries removed to allow battery changing (recommend changing one battery at a time).

ENVIRONMENT
Standard Model
Temperature: 0 to 54 °C (32 to 129 °F)
Exposure: Inadvertent splashing or spray of water on keypad is acceptable. Not warranted for outdoor use. (See Weatherized below)

Weatherized Model (Option WX)
Outside Module
Temperature: -40 to 54 °C (-40 to 129 °F)
Exposure: Direct exposure to rain and snow.

Inside Module
Temperature: 0 to 54 °C (32 to 129 °F)
Exposure: Drip proof. Inadvertent splashing or spray of water is acceptable.

New Weatherized Model (Option W)
Temperature: -20 to 54 °C (-4 to 129 °F)
Exposure: Direct exposure to rain and snow.

The OMNILOCK OM100 keypad only locks may be programmed using the WP4000 printer (shown above) or with an approved Windows CE Device (page 49).
OP100, 300, 500 Keypad and Proximity Locks

OSI has designed this generation of 100, 300, and 500-user locks to be extremely versatile, rugged, and reliable. As always, OSI cylindrical locks install in a standard ANSI 156.2 (formerly 161) door prep and, unlike the competitors products, require NO extra holes to be drilled in the door. These locks are programmable at the door by either the traditional WP4000 printer or by using an approved Windows® CE PDA (see page 49). The OM100, 300, and 500 locks record the audit trail of the last 250, 500, or 750 events respectively. Users may be assigned membership in user groups and group access may be controlled by time schedules. Up to 32 holidays may be pre-programmed in any of these systems. Locks may be programmed to lock or unlock automatically or to unlock and remain unlocked after the first valid code is entered. OSI now offers the OM100, 300, and 500 in a Quick Adapter configuration for easy retrofit to selected pre-2004 Schlage D-series cylindrical locks. This series of locks is therefore available in Cylindrical, Mortise, Mortise-with-deadbolt, a Wall Mount System (controls electrified hardware such as strikes, mag locks, or electrified exit devices), and a Quick Adapter configuration (the Quick Adapter adapts to Schlage D-50, D-53, D-60, D-66, D-70, D-73, D-80, D-82, and D-85 lever locks). The QA135 is also available as a retrofit trim for Von-Duprin, Corbin-Russwin, Precision, Yale, Sargent, and Arrow Rim Exit Devices. Lastly, the powerful electronics module will retrofit to existing OM50, OM100, OM300, OM500, or OM2000 and OP2000 OMNILOCK systems!

Grade-1 Arrow Q or Schlage D (shown above)
Cylindrical locks available in both Standard and IC Core (small format Arrow, Best Falcon core is shown—order ICI)

Falcon or Schlage Mortise or Mortise-with-Deadbolt.
Standard or IC Core cylinders available (accepts 1-3/8-inch to 1-3/4-inch cylinder lengths).
System Requirements

The OP100, 300, and 500 Cylindrical, Mortise, Mortise-with-deadbolt, Quick Adapter, Wall Mount System, or Exit Device Trim locks are programmable at the door with either the traditional WP4000 printer or by using an approved Windows® CE® PDA (shown above right). Therefore, all you need to get started is a WP4000 printer or an approved Windows® CE® Device or approved PocketPC® running OSI Software (see page 49) and any number of OP100, OP300, or OP500 locks.

How to Order OP100, OP300, or OP500 Keypad and Proximity Reader Locks

Example:
1. Select Model (OP, QP) OP
2. Select User Capacity (100, 300, or 500) OP500-MD
3. Select Trim Style (see trim styles on pages 13 and 16) OP500-MD-06
4. Select Trim Finish (see finishes on pages 13 and 16) OP500-MD-06-613
5. Select Housing Color {B (black), G (grey), S (chrome)} OP500-MD-06-613-B
6. Select Cylinder (STD, ICI, ICR) OP500-MD-06-613-B-STD
7. Select Environment (N, W, or WX) OP500-MD-06-613-B-STD-N
8. Select Button Type {P (acetal buttons)} OP500-MD-06-613-B-STD-N-P

NOTE: The above example is for an OP500, Mortise-with-deadbolt, Schlage 06 Trim, 613 Finish, Black color Housing, Standard key Cylinder, Non-weatherized Environment, Standard Button type
OP100, OP300, OP500 Functional Specifications

ACCESS LEVELS
Unlocked: Free passage - handle unlocked.
Unlocked With Code: 'Unlocked after 'first code in'.
Code Required: Valid code required for entry.
Lockout: Sub master or Master code required for entry.
Shutdown: Master Code required for entry.
Anti-tamper: Initially set after 3 consecutive invalid code entries. Additional key presses ignored for 10 seconds.

CODE TYPES
All codes are from 4 to 9 digits long as determined by the length of the Master Code.

General User Code
Purpose: Allows access when access level is at Code Required and user group is enabled.
Quantity: 100 for OM100; 300 for OM300; 500 for OM500. Codes are assignable into four user groups.

Service Code
Purpose: Variable lifetime code - allows temporary (time limited) access to service personnel.
Quantity: 1

Sub-master Code
Purpose: Limited Programming and Entry code.
Quantity: 8

Master Code
Purpose: Programming, Entry code and Shutdown.
Quantity: 1

Audit Code
Purpose: Outputs Audit Log Report to WP4000 wireless printer or compatible PocketPC.
Quantity: 1

AUDIT LOG Transactions: Retains last 250 events for OM100; 500 events for OM300; or 750 events for OM500.
Record Format: Date, Time, Identity, Transaction.
Transaction Types: 16

INTERNAL CLOCK
Resolution: 1 minute with leap year correction.
Daylight Savings: Automatic or manual corrections.

TIME SCHEDULE
Sets Access level and/or controls access for user groups automatically at preprogrammed times.
Capacity: 144 scheduled events.
User Groups: 4
Holidays: 32

FACILITY AUTOCODE
Multiple locks can be quickly set up with identical access codes to accommodate any number of users throughout a campus or building complex.

BATTERIES
Type: Four size 'AA' 1.5 Volt Alkaline
Expected Life: 5 years / 100,000 operations under normal operating conditions (40 to 80 °F room temperature).
Low Battery Warning: LEDs will flash Green-Red-Red on each entry to alert users of a low battery condition. Normal operation will continue for several hundred entries before entering Shutdown level.
Memory Retention: All codes, programming, etc. will be retained for 1 minute with batteries removed to allow battery changing (recommend changing one battery at a time).

ENVIRONMENT
Standard Model
Temperature: 0 to 54 °C (32 to 129 °F)
Exposure: Inadvertent splashing or spray of water on keypad is acceptable. Not warranted for outdoor use. (See Weatherized below)

Weatherized Model (Optional- Order WX)
Outside Module
Temperature: -40 to 54 °C (-40 to 129 °F)
Exposure: Direct exposure to rain and snow.

Inside Module
Temperature: 0 to 54 °C (32 to 129 °F)
Exposure: Drip proof. Inadvertent splashing or spray of water is acceptable.

New Weatherized Model (Optional- Order W)
Temperature: -20 to 54 °C (-4 to 129 °F)
Exposure: Direct exposure to rain and snow.

The OMNILOCK OP100 keypad and proximity locks may be programmed using the WP4000 printer (shown above) or with an approved Windows PocketPC Device (see page 49).
OM2000 Keypad & Magnetic Card Reader Locks

OSI’s OM2000 magnetic card reader locks allow access control for up to 2000 individual users per door. Users may gain access by 4-10 digit keypad code only, by magnetic striped card only, or, in areas requiring higher levels of access control, users may be required to enter a card or code followed by a 3-6 digit PIN. The powerful electronics module records the date, time and identity of the last 50,000 events. Audited events include entries, attempts, tampers, time-scheduled access level changes; and key-bypass detection is also an option. What truly sets these products apart from the competing products is that they not only program faster than any other standalone access system, they also install more easily than other systems (every Cylindrical OM2000 system installs in a standard ANSI 156.2 (formerly 161) door prep and requires NO Extra holes to be drilled in the door). These locks program at the door by using any OSI-approved Windows® CE® PDA. OSI offers the OM2000 in a Quick Adapter configuration for easy retrofit to Schlage D-series Cylindrical locks. The OM2000 systems are available in Cylindrical, Mortise, Mortise-with-deadbolt, Wall Mount, and Exit Device Trim configurations. Additionally, the powerful 2000 electronics module retrofits to existing OM100s, OM300s, and OM500s. Key Bypass Detection is available on all Schlage and Arrow locks and not on Falcon Mortise locks.

Built on Grade-1 Falcon or Schlage Mortise or Mortise-with-Deadbolt. Standard or IC Core cylinders available, Accepts 1-3/8 inch to 1-3/4 inch mortise cylinder. The Mortise collar p/n 11445-001 is required for 1-3/8” cylinders.

Grade-1 Cylindrical Schlage D-series or Cylindrical Arrow Q-series locks available in either Standard or IC Core (pictured locks are Arrow Q-48 with IC prep on left and Schlage D-80 with standard prep Sparta trim on right).
OM2000 Keypad & Magnetic Card Reader Locks

System Requirements

The OM2000 Cylindrical, Mortise, Quick Adapter, or Wall Mount System locks are programmable at the door by using any approved Windows® CE PDA. The database manager software runs on any MS Windows-compatible laptop or PC and can manage over 65,000 users in its powerful database. If users want to enroll OSI magnetic cards or their own Student IDs, Driver’s Licenses, or ATMs, then they must have a Track-2 Card Reader (not necessary for Keypad-code operation).

1) OM2000 Administrator’s Package p/n 11278 (Includes software, manual, Quick user reference cards, and card reader cleaners)
2) Track-2 Card Reader p/n 11274
3) Track-2 Cards p/n 10983-002
4) Windows® CE Device (available from OSI or off-the-shelf at office supply stores—see page 49)
5) OM2000 Locks (see pages 12, 13 and 14 inside for ordering sequence—also example below)

- Installs Easier—Standard ANSI 156.2 prep
- Programs Faster—2000 users in <10 seconds
- Largest Audit Trail—50,000 events
- Accepts existing ID Cards
- On-the-door diagnostics
- Made in USA with PRIDE

What are you waiting for? Use the best...

How to Order OM2000 Keypad and Magnetic Card Reader Locks

Example:

1. Select **Model** (OM, QA) OM
3. Select **Configuration** (C, M, MD, MR, MDR, WMS, X) OM2000-C
4. Select Trim **Style** (see trim styles on pages 13 and 16) OM2000-C-RHO
5. Select Trim **Finish** (see finishes on pages 13 and 16) OM2000-C-RHO-626
6. Select Housing **Color** (B (black), G (grey), S (chrome)) OM2000-C-RHO-626-S
7. Select **Cylinder** (STD, ICI, ICR) OM2000-C-RHO-626-S-ICI
8. Select **Environment** (N, W, or WX, ME, BE) OM2000-C-RHO-626-S-ICI-WX
9. Select **Button** Type {P (acetal buttons), NO} OM2000-C-RHO-626-S-ICI-WX-P
10. Select **Key Bypass Audit Detection** OM2000-C-RHO-626-S-ICI-WX-P-K

**NOTE:** The above example is for an OM2000, Cylindrical Configuration, Schlage Rhodes Trim, 626 Finish, Satin Chrome Housing, Interchangeable-core Cylinder, Weatherized Environment, Standard Button type, and with Key Bypass Audit Detection.
OM2000 Functional Specifications

The OMNILOCK® Access Control System Series OM2000 combines the sophistication of an electronic access control system with the reliability of a commercial Grade-1 lockset. Manufactured in America, the Series OM2000 provides the superior features and quality that you have come to expect from OSI Security Devices.

- Capacity of 2000 individual users
- Audit trail of 25,000 to 50,000 events (optional key bypass detection)
- The OMNILOCK Facility Manager, a Microsoft Windows® 9X/2000/NT/XP compatible program, runs on a desktop or laptop computer
- The OMNILOCK Data Link, a Windows® CE-compatible program, runs on a handheld PocketPC and transfers data between the OMNILOCK OFM database and the OM2000 System Lock - No plug-ins or laptops at the door! (see page 49)
- The OM2000 System Lock consists of a control module coupled to a Grade 1 lockset
- Access granted via Magnetic stripe card (Track 2 or Track 3), keypad code, or card or code plus PIN
- Flash ROM facilitates lock software upgrades via infrared communication— NO PCB change-outs!
- Password protected network-compatible software
- Battery powered (5 years / 120,000 operations)
- Audit records user identity, date and time
- Time schedule controls access for 8 user groups
- Full electronic and electro-mechanical diagnostics may be run without removing lock from the door
- Cylindrical locks install in a standard ANSI 156.2 (formerly 161) door preparation
- Electronics easily retrofit to existing OM100, OM300, or OM500 OMNILOCK systems!
- Rugged steel-zinc construction
- Made with PRIDE in the USA

FUNCTIONAL SPECIFICATIONS

ID TYPES
Card ID length variable to 19 digits, Keypad ID 4 to 10 digits in length, and PIN lengths 3 to 6 digits long

PROGRAMMER ID
Upload/download programming data, Change Access Levels, Group Enabling, and run Diagnostics. Privileges are assignable. Quantity as required.

MANAGER ID
Enables or disables User Groups, sets Access Levels at doors, privileges are assignable

GENERAL USER ID
Allows access when access level is at ID Required and user group is enabled. Quantity 2000 users less masters and managers

SERVICE ID
Allows limited use to service personnel-PIN required at all times. Quantity as required

ACCESS LEVELS
Level 2: Free passage - unlocked.
Level 3: Remains unlocked after first valid ID
Level 4: Remains unlocked after first valid ID and PIN
Level 5: Enrolled ID required
Level 6: Enrolled ID and PIN required
Level 7: Facility ID card required
Level 8: Lockout (Manager or Programmer ID allowed only if privileges have been assigned)

AUDIT LOG
Transactions: Retains last 50,000 events, whether keypad code, prox card or fob, key bypass detection, antitamper, attempt by unauthorized user, remote switch operation, or time scheduled event.

Events Audited: Ten separate events are recorded

Record Format: Date, Time, Identity, Event

TIME SCHEDULE
Sets Access Level and controls access by user groups automatically at selected preprogrammed times. May be preprogrammed for holiday scheduling.
Capacity: 144 scheduled events per day, 32 holiday periods

User Groups: 8

INTERNAL CLOCK
Resolution: 1 minute with leap year correction

Daylight Savings: Automatic or manual corrections
The OP2000 series systems accept HID proximity cards, Keyfobs, or eProx Tags (which allow users to adhere a proximity tag to their existing ID cards).
OP2000 Keypad & Proximity Card Reader Locks

System Requirements

The OP2000 Cylindrical, Mortise, Quick Adapter, or Wall Mount System locks are programmable at the door by using any approved Windows® CE® PDA (see page 49). The OFM database manager software runs on any MS Windows®-compatible laptop or PC and can manage over 65,000 users in its powerful database. If users want to enroll their proximity cards, then they must have a Proximity Card Enrollment Reader (not needed for Keypad-code-only operation).

1) OP2000 Administrator’s Package p/n 11628 (Includes software, manual, Quick user reference cards, and default programming proximity cards)
2) Proximity Card Enrollment Reader p/n 11507
3) HID Proximity Cards and/or Keyfobs (see page 51)
4) Windows® CE® Device (available from OSI or off-the-shelf at office supply stores- see page 49 for approved models)
5) OP2000 Locks (see pages 13-16 inside for the ordering sequence- also example below)

How to Order OP2000 Keypad and Proximity Card Reader Locks

Example:

1. Select Model (OP, OP2000)
2. Select User Capacity (2000)
3. Select Configuration (C, M, MD, MR, MDR, WMS, X)
4. Select Trim Style (see trim styles on pages 13 and 16)
5. Select Trim Finish (see finishes on pages 13 and 16)
6. Select Housing Color {B (black), G (grey)}
7. Select Cylinder (STD, ICI, ICR)
8. Select Environment (N, W, or WX, ME, BE)
9. Select Button Type {P (acetal buttons), NO}
10. Select Key Bypass Audit Detection

NOTE: The above example is for an OP2000, Cylindrical Configuration, Arrow Sierra Trim, 626 lock finish, Grey Housing, Standard-core Cylinder, Non-weatherized Environment, Standard Button type, and with Key Bypass Audit Detection.
OP2000 Functional Specifications

The OMNILOCK® Access Control System Series OP2000 offers the combination of the industry’s most widely-accepted HID® proximity technology and OSI’s proven electronic superiority. Add this to Grade-1 USA locksets and nothing can beat this system. Manufactured in America, the Series OP2000 provides all the superior features and quality that you have come to expect from OSI Security Devices.

- Capacity of 2000 individual users per door
- Audit trail up to 50,000 events (optional key-bypass detection)
- The OMNILOCK Facility Manager, a Microsoft® Windows® 9X/2000/NT/XP compatible program, runs on a desktop or laptop computer
- The OMNILOCK Data Link, a Microsoft® Windows® CE compatible program, runs on a handheld PocketPC and transfers data between the OMNILOCK OFM database and OP2000 System Lock – NO plug-ins or laptops at the door! (see page 49)
- The OP2000 System Lock consists of a control module coupled to a Grade 1 lockset
- Access granted via Proximity card (most bit-patterns accepted), Keypad Code, or Card or Code plus PIN
- Flash ROM facilitates lock software upgrades via infrared communication – NO PCBs need to be changed when software is upgraded!
- Password protected network-compatible software
- ‘AA’ Battery-powered (5 years/120,000 operations)
- Audit records user identity, date and time
- Time schedule controls access for 8 user groups
- Full electronic and electro-mechanical diagnostics may be run without removing lock from the door
- Cylindrical locks install in a standard ANSI 156.2 (formerly 161) door preparation
- Electronics easily retrofit to existing OM100, OM300, OM500, or OM2000 OMNILOCK systems!
- Made with PRIDE in the USA

FUNCTIONAL SPECIFICATIONS

ID TYPES
Proximity Card 26-bit, 32-bit, 33-bit, 35-bit Corporate 1000, or 37-bit formats, Keypad ID 4 to 10 digits in length, and/or PIN lengths of 3 to 6 digits long

PROGRAMMER ID Uploads and downloads all programming data, Changes Access Levels, Enables User Groups, and may run Diagnostics. Privileges are assignable. Quantity as required.

MANAGER ID Enables or disables User Groups or sets Access Levels at doors, privileges are assignable.

GENERAL USER ID Allows access when access level is at ID Required and user group is enabled. Quantity 2000 users less masters and managers

SERVICE ID Allows limited use to service personnel-PIN required at all times. Quantity as required

ACCESS LEVELS
Level 2: Free passage - unlocked.
Level 3: Remains unlocked after first valid ID
Level 4: Remains unlocked after first valid ID and PIN
Level 5: Enrolled ID required (ID code or prox card)
Level 6: Enrolled ID and PIN required
Level 7: Facility ID card required
Level 8: Lockout (Manager or Programmer ID allowed only if privileges have been assigned)

AUDIT LOG
Transactions: Retains last 50,000 events, whether keypad code, prox card or fob, key bypass detection, antitamper, attempt by unauthorized user, remote switch operation, or time scheduled event.
Events Audited: Ten separate events are recorded
Record Format: Date, Time, Identity, Event

TIME SCHEDULE
Sets Access Level and controls access by user groups automatically at selected preprogrammed times. May be preprogrammed for holiday scheduling.
Capacity: 144 scheduled events per day, 32 holiday periods
User Groups: 8

INTERNAL CLOCK
Resolution: 1 minute with leap year correction
Daylight Savings: Automatic or manual corrections
OMNILOCK Cylindrical Quick Adapter Systems

The OMNILOCK® Quick Adapter is designed to adapt to the Schlage Grade-1 D-Series Cylindrical locks. It has been used successfully in conjunction with the Grade-2 AL-Series locks also but is not UL-approved for use with the AL-Series. Users may either adapt the Quick Adapter to their existing Schlage locks or they may purchase a D-Series lock and a Quick Adapter from their distributor and build their own Standalone system in minutes! The OMNILOCK® Quick Adapter Series of standalone access control systems allow end users the opportunity to combine OSI’s famous standalone access control technology with the proven durability of Schlage D-series Cylindrical lock hardware. The Quick Adapter series of products are available as 100, 300, or 500-user keypad-programmable systems (QA100, QA300, or QA500), as 2000-user magnetic card systems (QA2000), or as 2000-user HID proximity card (QP2000) database management access control systems. Users may gain access by 4-10 digit keypad code only, by magnetic card or HID proximity card/keyfob only or, for areas requiring higher levels of access control, users may be required to enter a magnetic card, proximity card, or keypad code followed by a 3 to 6 digit PIN. This dual-credential method of access control is utilized by Universities, Fortune 500 corporations, and Government Agencies worldwide. The QA2000/ QP2000's powerful electronics module records the date, time and identity of the last 50,000 events. Audited events include any entry attempts, tampers, time-scheduled access level changes, or remote openings. There are several features that differentiate the Quick Adapter products:

• First, the QA2000 magnetic card reader and QP2000 proximity reader locks program faster than any other standalone system. These locks are programmed via infrared at the door by using any one of the approved Windows® CE Devices or any of the PocketPC® systems (see page 49). Users can infrared program the systems or run full system diagnostics at the door without carrying a bulky laptop to the door or plugging in cumbersome data interface cables.

• Second, the OMNILOCK Quick Adapter systems install easier than any other standalone system in existence today. The Quick Adapter systems install in a standard ANSI 156.2 (formerly 161) Cylindrical door prep and require NO extra holes to be drilled in the door.

• Third, the Quick Adapter systems are designed and manufactured in the USA and reflect American pride and quality. Their rugged zinc and steel die cast housings and state-of-the-art electronics are designed to withstand even the most rigorous conditions.
## OMNILOCK Cylindrical Quick Adapter Systems

### System Requirements

The OMNILOCK® Quick Adapter systems may be keypad-only (QA100, 300, 500), keypad and magnetic card reader (QA2000), or keypad and HID proximity card reader (QP2000). The QA100, 300, and 500-series locks are programmed using the WP4000 infrared printer or an approved PocketPC, and the QA2000 and QP2000 systems are programmed using software and any of the approved Windows® CE® PDAs (see page 49). The OFM database manager software runs on any Windows®-compatible laptop or PC and can manage over 65,000 users in its powerful database. If users want to enroll their magnetic cards or proximity cards, then they must have the appropriate Proximity Card Enrollment Reader or Magnetic Card Reader (unnecessary for Keypad-code-only operation).

- QA100, 300, and 500 system users need a WP4000 or an approved PocketPC (see page 49). That’s all there is to it!
- QP135 users use the WP4000 or an approved PocketPC.
- QA2000 magnetic card and keypad system users need an Approved PocketPC, Administrator’s Kit p/n 11278, Track-2 Card reader p/n 11274, and Track-2 cards p/n 10983-002.
- QP2000 proximity card and keypad system users need an Approved PocketPC, Administrator’s Kit p/n 11628, Prox Card Enroller p/n 11507, and HID cards or Fobs (page 50).

The Quick Adapter can be used in conjunction with nine of the pre-2004 Schlage D-Series lever locks. Locks approved for use with the Quick Adapter are the D-50, D-53, D-60, D-66, D-70, D-73, D-80, D-82, and D-85PD. The D-73 Corridor lock is ideal for bathroom-type applications. If the privacy button is depressed the electronics are disabled but a key may gain access from the outside. The D-53 Entrance lock functions similarly, but there exists the possibility that an absent-minded person or a prankster will not release the turn-button on the inside, thereby leaving the electronics in a disabled state. The D-60 is perhaps the most versatile lock for a school application. The lock needs no modification and, in case of safety lockdown, the electronics may be disabled by rotating a key in the inside lever’s key cylinder. One of the most interesting uses of the Quick Adapter is the deployment of TWO Quick Adapters mated to double-cylinder locks such as the D-82PD. Such a system yields the World’s Only Standalone Audit Trail Asylum-function, “code-in-code-out” lock. This product is suited perfectly for jails, detention facilities, or airport flight terminals. End users not only have to enter a code or a card to get into the facility, they need a code or a card to exit (see Images previous page).

### How to Order Quick Adapter Systems

**Example:**

1. Select **Model** (QA, QP)  
2. Select **User Capacity** (100, 300, 500, 2000)  
3. Select Housing **Color** {B (Black), G (Grey), S (Silver)}  
4. Select **Environment** (N or W)  
5. Select **Button** Type {P (acetal buttons), NO}  

<table>
<thead>
<tr>
<th>Model</th>
<th>User Capacity</th>
<th>Color</th>
<th>Environment</th>
<th>Button Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>QA</td>
<td>100, 300, 500, 2000</td>
<td>B, G, S</td>
<td>N, W</td>
<td>P, NO</td>
</tr>
<tr>
<td>QP</td>
<td>2000</td>
<td>G</td>
<td>W</td>
<td>G-W, G-W-P</td>
</tr>
</tbody>
</table>

**NOTE:** The above example is for a QP2000 Prox Adapter, Grey Housing, Weatherized Environment, and with Standard Button type (The Quick Adapter is now available in weatherized configuration).
OMNILOCK Exit Device Trims

The OMNILOCK® Exit Device Trims may be keypad-only (QA100, 300, 500), keypad and magnetic card reader (QA2000), or keypad and HID proximity card reader (QP100, 300, 500 or QP2000). The QA100, 300, and 500-series locks are programmed using the WP4000 infrared printer or an approved PocketPC, and the QA2000 and QP2000 systems are programmed using software and any of the approved Windows® CE® PDAs (see page 49). The OFM database manager software runs on any Windows®-compatible laptop or PC and can manage over 65,000 users in its powerful database. If users want to enroll their magnetic cards or proximity cards, then they must have the appropriate Proximity Card Enrollment Reader or Magnetic Card Reader (unnecessary for Keypad-only operation).

The OMNILOCK® Exit Device Trims install in the original mechanical trim’s door prep and require NO extra holes to be drilled in the door. The Exit Device Trims are available with extended tailpieces that can accommodate door thickness of up to 3” (special orders can accommodate up to 6” thick doors). Many OSI users adapt the Exit Device Trims to older exit devices such as the Von Duprin 55 or the Von Duprin 22 (Shown above right with grommets).
OMNILOCK Exit Device Trims

System Requirements

The Exit Device Adapters are available as OM100, 300, 500 keypad-only systems, OP100, 300, 500 keypad-plus proximity units, OM2000 keypad-and-magnetic card reader systems, or OP2000 keypad-and-proximity reader systems. The 100, 300, 500 systems are programmable at the door using the WP4000 infrared printer (see page 49) or with any approved Windows CE PDA (also on page 49). The 2000-series products must be programmed using a PocketPC and the OMNILOCK Facility Manager (OFM) software. The OFM database manager software runs on any MS Windows-compatible laptop or PC and manages over 65,000 users. If users want to enroll their proximity cards, then they must have a Proximity Card Enrollment Reader (not needed for Keypad-code-only operation).

- QA100, 300, and 500 system users need a WP4000 or an approved PocketPC (see page 49). That’s all there is to it!
- QP100, 300 and QP500 system users need only the lock and a WP4000 printer or approved PocketPC running OSI’s printer-emulator software.
- QA2000 magnetic card and keypad system users need an Approved PocketPC, Administrator’s Kit p/n 11278, Track-2 Card reader p/n 11274, and Track-2 cards p/n 10983-002.
- QP2000 proximity card and keypad system users need an Approved PocketPC, Admin Kit p/n 11628, Prox Card Enroller p/n 11507, (page 48), and HID cards or Fobs (pg 50).

How to Order OMNILOCK Exit Device Trims

Example:
1. Select **Model** (QA, QP)  
2. Select **User Capacity** (100, 300, 500, 2000)  
3. Select **Configuration** (X)  
4. Select Trim **Style** (SR- currently only Arrow Sierra)  
5. Select Trim **Finish** (See finishes on Catalog pages 13 and 16)  
6. Select Housing **Color** {B (black), G (grey), S (chrome)}  
7. Select **Cylinder** (STD, ICI)  
8. Select **Environment** (N or W)  
9. Select **Button** Type {P (acetal buttons), NO (no buttons)}

**NOTE:** The above example is for HID Proximity QP2000, Exit Device Configuration, with Arrow Sierra Trim, 626 lock Finish, Black Housing, Standard-core Cylinder, with Non-weatherized Environment, and Standard Button type.
### OMNILOCK Exit Device Trim Adapter Plates

<table>
<thead>
<tr>
<th>VON DUPRIN EXIT DEVICE MODEL No</th>
<th>VON DUPRIN TRIM MODEL No</th>
<th>OMNILOCK® EXIT TRIM COLOR</th>
<th>OSI ADAPTER PLATE KIT No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>BLACK</td>
<td>11819-002</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SATIN CHROME</td>
<td>11819-003</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PRECISION EXIT DEVICE MODEL No</th>
<th>PRECISION TRIM MODEL No</th>
<th>OMNILOCK® EXIT TRIM COLOR</th>
<th>OSI ADAPTER PLATE KIT No</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL-1100</td>
<td>39, 39L, V39L</td>
<td>GRAY</td>
<td>11820-001</td>
</tr>
<tr>
<td>FL-1200</td>
<td>15, 17, 17C, 20, 20C</td>
<td>GRAY</td>
<td>11821-001</td>
</tr>
<tr>
<td>FL-1700</td>
<td>15, 17, 17C, 20, 20C</td>
<td>BLACK</td>
<td>11822-002</td>
</tr>
<tr>
<td>FL-1800</td>
<td>15, 17, 17C, 20, 20C</td>
<td>SATIN CHROME</td>
<td>11823-003</td>
</tr>
<tr>
<td>FL-2100</td>
<td>15, 17, 17C, 20, 20C</td>
<td>GRAY</td>
<td>1207-001</td>
</tr>
<tr>
<td>FL-2200</td>
<td>15, 17, 17C, 20, 20C</td>
<td>BLACK</td>
<td>1207-002</td>
</tr>
<tr>
<td>FL-2700</td>
<td>15, 17, 17C, 20, 20C</td>
<td>SATIN CHROME</td>
<td>1207-003</td>
</tr>
<tr>
<td>FL-2800</td>
<td>15, 17, 17C, 20, 20C</td>
<td>GRAY</td>
<td>1208-001</td>
</tr>
<tr>
<td>CORBIN RUSWIM/YALE EXIT DEVICE MODEL No</td>
<td>CORBIN RUSWIM/YALE TRIM MODEL No</td>
<td>OMNILOCK® EXIT TRIM COLOR</td>
<td>OSI ADAPTER PLATE KIT No</td>
</tr>
<tr>
<td>ED5200A</td>
<td>755, 759</td>
<td>GRAY</td>
<td>11823-001</td>
</tr>
<tr>
<td>ED9470B</td>
<td>955, 957</td>
<td>BLACK</td>
<td>11823-002</td>
</tr>
<tr>
<td>ED9800B</td>
<td>1310, 1355, 1357</td>
<td>SATIN CHROME</td>
<td>11823-003</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SARGENT/ ARROW EXIT DEVICE MODEL No</th>
<th>SARGENT/ARROW TRIM MODEL No</th>
<th>OMNILOCK® EXIT TRIM COLOR</th>
<th>OSI ADAPTER PLATE KIT No</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-8600</td>
<td>ET, 88C-L, 88D-L, 88K-L, 88L-L</td>
<td>GRAY, BLACK, CHROME</td>
<td>12084-001, 002, 003</td>
</tr>
<tr>
<td>12-8868</td>
<td>FLL, FLY, MAL, PTB</td>
<td>GRAY, BLACK, CHROME</td>
<td>12084-001, 002, 003</td>
</tr>
<tr>
<td></td>
<td>STS</td>
<td>GRAY, BLACK, CHROME</td>
<td>12086-001, 002, 003</td>
</tr>
</tbody>
</table>
Mortise Quick Adapters and Auto-Deadbolts

OMNILOCK® Mortise Quick Adapter systems are available as keypad-only (QA100, 300, 500-M) systems, keypad and magnetic card reader systems (QA2000-M), or as keypad and HID proximity card reader systems (QP2000-M). The QP100, 300, and 500-M series locks are programmed using the WP4000 infrared printer or an approved PocketPC and the QA2000-M and QP2000-M systems are programmed using software and any of the approved Windows® CE® PDAs (see page 49). The OFM database manager software runs on any MS Windows®-compatible laptop or PC and can manage over 65,000 users in its powerful database. If users want to enroll their magnetic cards or proximity cards, then they must have a Proximity Card Enrollment Reader. The primary version of the Mortise QA works with the Gibraltar or MicroKey Auto-Deadbolt or Non-Deadbolt locks. This first configuration was designed at request of one of our large customers. It has been tested to rigorous standards and features a clutching lever handle. We are now working on the creation of Mortise Quick Adapters for other Mortise locks.

The features of this product are as follows:

- ADA-compliant US Made Grade 1 clutching lever handles
- Available in Keypad-only, Keypad-and-Magnetic card reader with or without keypad, and HID Proximity card reader with or without keypad.
- Available in Black, Storm Grey, or Satin Chrome electronic housing finishes
- Lock Chassis must be passage set or be converted to passage set
- The systems are handed- that is the key bypass is on the side of the housing (key is visible in the image at right- this particular lock is a right-handed version. Also see image on page 35 for key-bypass).

The Mortise Quick Adapter (QA, QP) includes:

- Adapter Plate, Electronic Module and Outer Trim only.

The Auto-Deadbolt (OM,OP-ADB) includes:

- Adapter Plate, Electronic Module, Lock Chassis, and Inner and Outer Trim.
Mortise Quick Adapters and Auto-Deadbolts

OSI’s Mortise Quick Adapter locks adapt to selected existing Mortise locksets including the Gibraltar and MicroKey lock systems. Facilities that currently use any of these systems may simply adapt the Mortise Quick Adapter to their existing locks. One of the many great benefits of this line of products is that virtually anyone can install them– all that is required is a screwdriver and the lock’s provided spanner wrench! The Mortise Quick Adapter systems are handed so orders must specify left or right-handed, regular or reverse (Example: LHR for left-hand reverse). The lever handles are clutching and the lock may be mechanically opened using a standard Cylindrical key such as Arrow, Falcon, Schlage, Assa, or Medeco (see image below). As an option, key-bypass detection may be ordered so that if a key is used in the lock the audit trail will report that a key was used. Full diagnostics may be run on any of the Mortise Quick Adapter systems. Battery level, keypad operation, and drive motor function may all be checked without removing the system from the door. Diagnostic reports may be viewed on the PocketPC or printed from a personal computer.

Shown above is the Mortise Quick Adapter in use with pre-existing Gibraltar Mortise locksets that were paired with the MicroKey Electronic access system. No drilling and no door preparation are required for these installations. At left is an HID proximity module for use as a replacement of the Microkey module.
Mortise Quick Adapters and Auto-Deadbolts

The Mortise Quick Adapter installs using rugged threaded steel standoffsthat fit directly into the existing door preparation for a Gibraltar or MicroKey Mortise lockset.

**System Requirements**
The 2000-series Mortise Quick Adapter and Mortise Auto-Deadbolt systems are programmable at the door by using any approved Windows® CE® PDA (see page 49). The OFM database manager software runs on any MS Windows®-compatible laptop or PC and can manage over 65,000 users in its powerful database. If users want to enroll their proximity or magnetic striped cards, then they must have a Proximity Card Enrollment Reader (not needed for Keypad-code-only operation) or a Magnetic Stripe card reader p/n 11274.

1. OP2000 Administrator’s Package p/n 11628 (Includes software, manual, Quick user reference cards, and default programming proximity cards)
2. Proximity Card Enrollment Reader p/n 11507 or Magnetic Card Reader p.n 11274 (see page 48)
3. HID Proximity Cards and/or Keyfobs or Magnetic Striped Cards (see page 50)
4. Windows® CE® Device (available from OSI or off-the-shelf at office supply stores- see page 49 for approved models)
5. OP/QP2000 Locks (see pages 13, 14,15 and 16 inside for the ordering sequences – also see the example below)

**Ordering Example:**
1. Select **Model** (OM, OP, QA, QP)
2. Select **User Capacity** (100, 300, 500, 2000)
3. Select **Configuration** (M for Quick Adapter, ADB whole lock)
4. Select **Trim Style** (WCR, WCL, WCRR, WCLR)
5. Select **Trim Finish** (Most architectural finishes available)
6. Select **Housing Color** {B (black), G (grey), S (chrome)}
7. Select **Cylinder Type** (STD, NO)
8. Select **Environment** (N or W)
9. Select **Button Type** {P (acetal buttons), NO}
10. Select **Key Bypass Audit Detection**

**NOTE:** The above example is for a QP2000 Mortise Quick Adapter, Standard Left-hand Reverse Trim Style (see back cover), Grey Electronic Housing, Standard Key Cylinder, Weatherized Environment, Standard Button type, with Key-bypass Detection in the Audit Trail
OEM Product: The Rentallock

The Rentallock® Access Control System Series RL100 offers the combination of the industry’s most sophisticated code-encryption software technology and OSI Security Devices’ proven electronic superiority. Add this to Grade-1 USA locksets and nothing can beat this system. Manufactured in America, the Series RL100 provides all of the superior features and quality that you have come to expect from OSI Security Devices.

- Virtually unlimited time and date-specific Enrollment Codes may be generated by Rentallock’s powerful software
- Maintenance Codes may be generated for hourly maintenance personnel or visitors
- Capacity of 99 individual User Codes may be locally generated for each door
- These codes may be generated from text files, by manual input, or by any one of four autocodes
- Audit trail of 100 events minimum
- ‘AA’ Battery-powered (5 years / 120,000 operations)
- The Rentallock Facility Manager, a proprietary server-based program, runs on the Rentallock server
- The Rentallock RL-100 CE application, a Microsoft® Windows® CE compatible program, runs on a handheld PocketPC and transfers data to the Rentallock via infrared—NO plug-ins or laptops at the door!
- The RL-100 CE allows users to retrieve audits, change Lock IDs or clock, or to run diagnostics on the batteries or drive motor
- The RL100 System Lock consists of a control module coupled to a Grade 1 lockset
- Flash ROM facilitates lock software upgrades via infrared communication—NO PCBs need to be changed when software is upgraded!
- Audit records user identity, date and time
- Full electronic and electro-mechanical diagnostics may be run without removing lock from the door
- Available in Cylindrical, Mortise, Wall Mount System for use with electrified hardware, Exit Device Trim, and Quick Adapter configuration
- Cylindrical locks install in a standard ANSI 156.2 (formerly 161) door preparation
- Exit Device Trims install in standard mechanical trim door preparation
- Made with PRIDE in the USA

Grade-1 Cylindrical Schlage D-series or Arrow Q-series locks available in either Standard or IC Core (Schlage D-80 lock chassis is pictured above: RL100-C-RHO-606-STD-606-N-P).
OEM Product: The Rentallock

Cylindrical RL100 locks install in a standard ANSI 156.2 (formerly 161) door prep and require NO extra holes to be drilled in the door. The Exit Device Trims also install in the door prep for each of the respective Exit Devices offered: Von Duprin, Corbin-Russwin, Yale, Precision, Sargent, and Arrow. All Rentallocks program at the door by using any one of the approved Windows® CE Devices or Pocket-PC® systems. Rentallock offers the RL100 in Quick-Adapter configuration for easy retrofit to existing Schlage D-series Cylindrical locks. The RL100 is available in Mortise, Mortise-with-deadbolt, Quick Adapter, and Exit Device Trim as described above. The RL100 system is also available in the versatile Wall Mount System configuration for controlling elevators, drive-through gates, electric strikes, or other types of electrified hardware or circuits.

FUNCTIONAL SPECIFICATIONS

ID TYPES
Keypad IDs of 4 to 10 digits in length

MASTER CODE ID Has privileges to Upload and download all programming data, Change Access Levels, Set Clock and Lock ID, Collect Audits, and run Diagnostics. Master Code may be changed using an RL-100 CE Device. Quantity 1 per lock (User 501)

SUBMASTER CODE ID May have all privileges of the Master ID except have no ability to change the Master ID. Upload and download all programming data, Change Access Levels, Set Clock, and may run Diagnostics. Privileges are assignable. Submaster Codes may be changed using the RL-100 CE Device. Quantity 8 per lock (User IDs 502-09)

ENROLLMENT ID Allowed access to door for time-encrypted duration as specified in the e-reservation with RentalLock website. (User ID 001)

MAINTENANCE ID Allows access for RentalLock Manager user-defined time increments. Maintenance IDs are generated by the Rentallock Manager software. Separate ID for each door to ensure security in case of personnel turnover (User ID 510)

GENERAL USER ID Allows access when access level is set to ID Required. Quantity 99 IDs less any Enrollment Code IDs. These codes are generated using the RL-100 CE Device. (User IDs 002-100)

ACCESS LEVELS
Access Levels are changed by the Master Code ID or the Submaster Code IDs (as assigned) by using the RL-100 CE Device.

UNLOCK Lock is unlocked and allows free passage.

CODE Code Required allows only access only to valid General User IDs. Users may be assigned to any of four separate user groups and these groups may or may not be granted access

LOCKOUT This Access Level allows access only to the Master Code ID and the Submaster Code IDs.

SHUTDOWN This Access Level allows access to the Master Code ID only.

AUDIT LOG
Transactions: Retains last 500 events minimum, whether Enrollment Code ID, Maintenance ID, General User ID, Antitamper, or Clock change.

Events Audited: Five separate events are recorded

Record Format: Date, Time, Identity, Event type.

INTERNAL CLOCK

Resolution: 1 minute with leap year correction

Daylight Savings: Automatic or manual corrections
OMNILOCK Hardware Specifications

CYLINDRICAL LOCKSET SPECIFICATIONS

Lock Body: Heavy duty Grade-1 Arrow Q-48 series (Standard) or Schlage D-80 series, Made in U.S.A.
Material: Cold rolled steel and zinc dichromate finish for oxidation resistance with precision cast steel retractor.
2-1/8" diameter bore is required.
Latch: 2-3/4" backset standard, brass with 1/2" throw. Housing is steel-zinc dichromate finish for oxidation resistance. 1" diameter bore is required.
Latch Face: Brass, bronze or stainless steel face plates. 2-1/4" x 1-1/8"
Strike Plate: Square corner, 1-1/8" x 2-3/4" T strike with 1-1/4" lip-to-center dimension; ANSI Standard 115.3.
Handing: Field reversible. Shipped right-handed.
Door Thickness: 1-3/4" standard (Schlage cylindrical locks available for up to 6-inch thick doors)
Key Cylinder: Solid brass 6 pin cylinder with two brass keys. Keyed 5 pin with Arrow ‘CS’ keyway on Arrow locks or Schlage ‘C’ keyway with Schlage locks.
I/C Core: For use with 6 or 7 pin small or large format I/C cores (I/C cores not included)
Trim: Thru-bolted with independent springs for each lever.
Function: Lever retracts latch bolt from either side unless the outside (cylinder side) is electrically locked. Unlocked from the outside with valid ID code, with valid card (OM2000 only), with ID or card plus PIN (OM2000 only), or by key. Inside always free passage.

CYLINDRICAL LOCKSET CERTIFICATION


One of OSI’s competitive advantages has always been the fact that all OMNILOCK systems install with a minimum of door preparation or damage. Unlike all of our competitors, our Cylindrical locks install without drilling any holes and install in the Standard ANSI door prep with NO Drilling!!!
OMNILOCK Hardware Specifications

MORTISE LOCKSET SPECIFICATIONS

Lock Body: Heavy duty, Grade-1 Falcon LM (Standard) or Schlage L-9070 or L-9453 series Mortise locks, made in the U.S.A.

Material: Cold rolled steel and zinc dichromate finish for oxidation resistance.

Latch: 2-3/4” backset standard, brass with 3/4” throw.

Latch Face: Brass, bronze or stainless steel face plates. 1-1/4” x 8”

Strike Plate: ASA, 1-1/4” x 4-7/8” with 1-1/4” lip to center dimension; ANSI Standard 115.1.

Handing: Field reversible. Shipped right-handed

Door Thickness: 1-3/4” to 2” standard (special order for up to 6-inch door thickness available)

Deadbolt: 1” throw (optional). Also available with Mortise Deadbolt Lockout Privacy Function (MDL)

Key Cylinder: Solid brass 6-pin 1-3/8” or 1-3/4” length mortise cylinder with two brass keys.

I/C Cylinder: For use with 6 or 7-pin interchangeable cores (I/C core not included)


Function: Lever retracts latch bolt from either side unless the outside (cylinder side) is locked. Unlocked from outside with valid ID code, with valid card, with ID or card plus PIN, or by key. Inside trim always free passage. For standard deadbolt option, lever also retracts deadbolt from either side. NOTE: MDL option allows privacy lockout function if deadbolt is thrown (key override)

Installation: Standard ANSI door preparation for mortise lockset with 2-3/4” backset and a doorjamb not greater than 3/4”. Two 5/16” anti-rotation holes are required. Weatherized (Option WX) models require an additional 3/4” diameter through-door bore, yet Weatherized (Option W) do not.

PocketPC® infrared programming of a Schlage OM2000 Mortise system

OM2000-M-06-626-G-STD-N-P

At left is a Schlage Mortise OM2000 with deadbolt with the Satin chrome housing and with a standard key cylinder: OM2000-MD-06-626-S-STD-N-P

NOTE: Schlage Mortise locks are also available with a Mortise Deadbolt Lockout function that ensures user privacy when the deadbolt is thrown. On these models the key or the thumb-turn are the only means to retract the deadbolt: i.e. OM100-MDL-03-613-B-ICI-N-P
OMNILOCK Hardware Specifications

WALL MOUNT SYSTEM SPECIFICATIONS

The OMNILOCK® Wall Mount System is in the true sense an Access Control System. It works with any electrical or electromechanical locking mechanism and many electrical circuits. The Wall Mount System provides all of the control and audit functions of an extensive keypad or card-reader hardwired system. It is surface-mounted to the wall with a steel wall plate and operates a Form-C latching relay that can be used for multiple applications. The Wall Mount System is available as a Keypad-only OM100, OM300, or OM500, as a Magnetic-card reader and keypad OM2000, or as the new Proximity-card and keypad OP2000 system.

Keypad Electronics Module

Height: 7.45"
Width: 3.81"
Depth: 2.34"
Material: Zinc alloy
Finish: Durable storm gray epoxy powder coat standard
Alternate finishes are available (see options)
Keypad: 11 acetal buttons with wear-resistant characters

Weatherized Electronics Module (order WX)

Temperature: -40 to 54 ºC (-40 to 129 ºF)
Height: 6.00"
Width: 3.90"
Depth: 1.51"
Material: 14 gauge plated steel
Finish: Durable storm gray epoxy powder coat standard
Alternate finishes are available (Options Pages 13, 14, 15 and 16)

New Weatherized Model (Optional- Order W)

Temperature: -20 to 54 ºC (-4 to 129 ºF)
Exposure: Direct exposure to rain and snow.

BATTERIES

Type: Four size “AA” 1.5 Volt Alkaline
Expected Life: 5 years / 120,000 operations under normal operating conditions (40 to 80 ºF room temperature; 75,000 cycles at –40 ºF)
Low Battery Warning: LEDs will flash Green-Red-Red on each entry to alert users of a low battery condition. Low battery warnings are also given to operators of OFM and ODL software on the OM2000 and OP2000 systems. Normal system operation will continue for several thousand uses prior to entering Shutdown Mode.
Memory Retention: All user codes, programming, time schedules, and audit information will be retained when batteries are replaced one at a time. Information may be refreshed in OM2000 and OP2000 systems if batteries go completely flat.

CONTROL RELAY

Latching-style low-power Form-C relay uses no power to remain indefinitely in the normally open (Fail secure) or in the normally closed (Fail safe) position. Accepts 12-24 volts DC/RMS voltages with maximum current of 5 amperes. Widely used to control Magnetic locks, Electric strikes, Electrified Exit devices and Elevator control circuits
OMNILOCK Hardware Specifications

OMNILOCK PHYSICAL SPECIFICATIONS

ELECTRONICS MODULES

<table>
<thead>
<tr>
<th>Keypad Module Specifications</th>
<th>Internal Module (Weatherized only)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Height:</strong> 7.45”</td>
<td><strong>Height:</strong> 6.00”</td>
</tr>
<tr>
<td><strong>Width:</strong> 3.81”</td>
<td><strong>Width:</strong> 3.90”</td>
</tr>
<tr>
<td><strong>Depth:</strong> 2.34”</td>
<td><strong>Depth:</strong> 1.51”</td>
</tr>
<tr>
<td><strong>Material:</strong> Zinc alloy</td>
<td><strong>Material:</strong> 14-gauge plated steel</td>
</tr>
<tr>
<td><strong>Finish:</strong> Durable storm gray epoxy powder coat standard</td>
<td><strong>Finish:</strong> Durable storm gray epoxy powder coat standard</td>
</tr>
<tr>
<td>Alternate finishes are available</td>
<td>Alternate finishes are available</td>
</tr>
<tr>
<td>Keypad: 11 acetal buttons with wear-resistant characters</td>
<td>Keypad: 11 acetal buttons with wear-resistant characters</td>
</tr>
</tbody>
</table>

BATTERIES

| Type: Four size “AA” 1.5 Volt Alkaline |
| Expected Life: 5 years / 120,000 operations under normal operating conditions (40 to 80 °F room temperature). |
| Low Battery Warning: LEDs will flash Green-Red-Red on each entry to alert users of a low battery condition. Low battery warnings also given to operators of the OFM and ODL software of the OM2000 and OP2000 systems. Normal operation will continue for several thousand operations before entering the Shutdown Mode. |
| Memory Retention: All codes, programming, time schedules, and audit information will be retained when batteries are replaced one at a time from left to right. |

ENVIRONMENT

<table>
<thead>
<tr>
<th>Standard Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keypad Module Specifications</td>
</tr>
<tr>
<td><strong>Temperature:</strong> 0 to 54 °C (32 to 129 °F)</td>
</tr>
<tr>
<td><strong>Drip Proof:</strong> Direct splashing or spray of water or keypad is acceptable. Not recommended for outdoor use (See Weatherized at right and on page 11).</td>
</tr>
</tbody>
</table>

| New Weatherized Model (see below) |
| Keypad Module (Weatherized) |
| **Temperature:** -20 to 54 °C (-4 to 129 °F) |
| **Exposure:** Direct exposure to rain and snow. |

The versatile Quick Adapter allows users to adapt OSI’s unmatched electronics to Schlage D-series levers. Shown above is a back-to-back application of QA2000 units on a Schlage D-82PD Cylindrical lockset.

Using the latest conformal-coating technology and military specification electronic components, OSI now presents the World’s First Standalone lock that can be installed in 100% humidity environments and can withstand temperatures ranging from –20 to +129 F (-20 to +54 C).
Architect and Engineering Specifications

OM100, 300, 500 Keypad Architect and Engineering Specifications

The standalone system shall:

- Be standalone and be powered by four ‘AA’ alkaline batteries
- Have at least a 10-button keypad allowing code lengths of 4 to 9 digits
- Output the audit log to a handheld infrared printer or to a PocketPC
- Allow viewing of Audit Trail and Diagnostic information as a text file using Windows Notepad
- Be coded through the use of a handheld infrared printer and/or a PocketPC with no wires attached to the locking device
- Have an anti-tamper circuit that disables lock operation after 3 invalid entry attempts
- Allow for 144 scheduled events and 32 holidays
- Allow Cylindrical units to be installed in an ANSI 156.2 (formerly 161) door preparation and require no additional door drilling or damage. Mortise units will require only two additional 5/16” drill holes. Exit Device trims shall install in standard mechanical exit device door prep
- Have an audit trail identifying users by user ID, date, and time of entry
- Have a visual alert on the device indicating low battery level
- Feature Flash Memory that allows infrared software upgrade from a non-proprietary PocketPC
- Feature diagnostics that can verify battery level, keypad operation, and drive motor without removing the lock from the door
- Allow for interchangeable 6 or 7-pin cylinder cores
- Include optional weatherization capable of withstanding direct rain and snow offering an operating temperature range of –20 to +129 degrees Fahrenheit while installing all electronics on the outside of the door.
- Include a second optional weatherized configuration having an electronics and battery module mounted on the inside of the door
- Be field-serviceable to the modular level and repair parts shall be available

OP100, 300, 500 Keypad and Proximity Architect and Engineering Specifications

The standalone system shall:

- Be standalone and be powered by four ‘AA’ alkaline batteries
- Have at least a 10-button keypad allowing code lengths of 4 to 9 digits
- Allow at-the-door programming of non-proprietary HID Proximity cards of multiple bit formats
- Output the audit log to a handheld infrared printer or to a PocketPC
- Allow viewing of Audit Trail and Diagnostic information as a text file using Windows Notepad
- Be coded through the use of a handheld infrared printer and/or a PocketPC with no wires attached to the locking device
- Have an anti-tamper circuit that disables lock operation after 3 invalid entry attempts
- Allow for 144 scheduled events and 32 holidays
- Allow Cylindrical units to be installed in an ANSI 156.2 (formerly 161) door preparation and require no additional door drilling or damage. Mortise units will require only two additional 5/16” drill holes. Exit Device trims shall install in standard mechanical exit device door prep
- Have an audit trail identifying users by user ID, date, and time of entry
- Have a visual alert on the device indicating low battery level
- Feature Flash Memory that allows infrared software upgrade from a non-proprietary PocketPC
- Feature diagnostics that can verify battery level, keypad operation, and drive motor without removing the lock from the door
- Allow for interchangeable 6 or 7-pin cylinder cores
- Include optional weatherization capable of withstanding direct rain and snow offering an operating temperature range of –20 to +129 degrees Fahrenheit while installing all electronics on the outside of the door.
- Include a second optional weatherized configuration having an electronics and battery module mounted on the inside of the door
- Be field-serviceable to the modular level and repair parts shall be available
Architect and Engineering Specifications

OM2000 Keypad and Magnetic Card Reader Architect and Engineering Specifications
The access system shall:

- Be standalone and shall be powered by four ‘AA’ alkaline batteries
- Feature diagnostics that allow preventive maintenance of batteries, drive motor, and keypad at the door. The system shall also allow monitoring of battery levels at the host computer
- Allow operating system software upgrades via Infrared data link—No circuit board changes required
- Accept existing Track 2 or Track-3 magnetic cards (i.e. Licenses, Student IDs)
- Have a 10-key digital keypad allowing keypad code lengths of 4 to 10 digits
- Simultaneously allow keypad code-only, magnetic card-only, or card-plus-code operation
- Offer 256 separate Time Schedules, 32 Holiday Periods, and automatic Daylight Savings
- Allow 2000 users per door and have an audit trail of up to 50,000 events
- Identify users by name, date, time of entry and identify unauthorized attempts by user name
- Offer optional key-bypass-detection in the audit trail
- Be programmable using Windows® CE® or PocketPC® devices that are available both on the open market and from the system manufacturer
- Allow programming via infrared data download at the door without requiring a plug-in cable interface or laptop programming at the door
- Allow Cylindrical units to be installed in an ANSI 156.2 (formerly 161) door preparation and require no additional door drilling or damage. Mortise units will require only two additional 5/16” drill holes. Exit Device trims shall install in standard mechanical exit device door prep
- Include optional weatherization capable of withstanding direct rain and snow and offering an operating temperature range of –20 to +129 degrees Fahrenheit while installing all electronics on the outside of the door
- Be field-serviceable to the modular level and repair parts shall be available

OP2000 Keypad and Proximity Reader Architect and Engineering Specifications
The access system shall:

- Be standalone and shall be powered by four ‘AA’ alkaline batteries
- Feature diagnostics that allow preventive maintenance of batteries, drive motor, and keypad at the door. The system shall also allow monitoring of battery levels at the host computer
- Allow operating system software upgrades via Infrared data link—No circuit board changes required
- The standalone system shall accept existing proximity cards of 26-bit, 35-bit, 37-bit, and proprietary-bit formats
- Have a 10-key digital keypad allowing keypad code lengths of 4 to 10 digits
- Simultaneously allow keypad code-only, proximity card-only, or card-plus-code operation
- Offer 256 separate Time Schedules, 32 Holiday Periods, and automatic Daylight Savings
- Allow 2000 users per door and have an audit trail of up to 50,000 events
- Identify users by name, date, time of entry and identify unauthorized attempts by user name
- Offer optional key-bypass-detection in the audit trail
- Be programmable using Windows® CE® or PocketPC® devices that are available both on the open market and from the system manufacturer
- Allow programming via infrared data download at the door without requiring a plug-in cable interface or laptop programming at the door
- Allow Cylindrical units to be installed in an ANSI 156.2 (formerly 161) door preparation and require no additional door drilling or damage. Mortise units will require only two additional 5/16” drill holes. Exit Device trims shall install in standard mechanical exit device door prep
- Include optional weatherization capable of withstanding direct rain and snow and offering an operating temperature range of –20 to +129 degrees Fahrenheit while installing all electronics on the outside of the door.
- Be field-serviceable to the modular level and repair parts shall be available
Integrated Systems– System 1

System 1 for OM2000 Magnetic Card System Users

Integrated System 1 includes everything necessary to administer an OM2000 magnetic card reader system. Additional Track-2 or Track-3 cards are available as desired.

System 1 Includes:

1) Windows®-compatible Laptop computer
2) OM2000 Administrator’s Kit p/n 11278 (Includes OM2000 OFM OMNILOCK Facility Manager software, Administrator’s Guide, Quick user reference cards, and default programming magnetic cards p/n 10983-003).
3) Track-2 Card Reader p/n 11274 (not necessary for keypad-code-only operation)
4) Compatible Windows® CE® Device
5) Track-2 Magnetic cards p/n 10983-002 (100 cards included)
6) Magnetic Card Reader cleaners p/n 11071
Integrated Systems– System 2

System 2 for OP2000 Proximity Lock System Users

Integrated System 2 includes everything necessary to administer an OP2000 Proximity card reader system. Additional proximity cards or Keyfobs are available as desired.

System 2 Includes:

1) Windows®-compatible laptop computer
2) OP2000 Administrator’s Kit p/n 11628 (Includes software, Administrator’s Guide, Quick user reference cards, and default programming proximity cards p/n 11676-003)
3) Serial Proximity Card Enrollment Reader p/n 11507-001 (Serial) or 11507-002 (USB)
4) Compatible Windows® CE® Device
5) Prox card II cards p/n 11676-002 (100 cards included)
6) Additional Proximity cards and/or Keyfobs available (see page 50 and price list)
Access Control System Software and Software Services

OM2000 Administrator’s Kit (Part Number 11278)

Includes System Software capable of managing up to 65,000 users and 65,000 locks per Facility. Also includes Administrator’s Guide, Magnetic stripe Default programming cards, and Manager Quick Reference cards. Designed for facilities that are using OM2000 Magnetic stripe card reader OM2000 systems. Software runs on Windows® 95/98/NT/2000/ME/XP platforms. Manages all OM2000 magnetic card reader system products.

OP2000 Administrator’s Kit (Part Number 11628)


Database Import Utility Software (Part Number 11687)

Importation of existing user databases into the OMNILOCK Facility Manager software can be easily accomplished by using OSI Security Devices’ Database Importation Utility. This utility allows database field-mapping and importation of any database that has been converted to Microsoft Access®. Includes user guide p/n 11688 and software CD p/n 11689.

Database Importation Service (Part Number 11690)

Importation of large facility databases into the OMNILOCK Facility Manager software can be accomplished by OSI Security Devices’ software specialists. This service is available and is quoted on an hourly case-by-case basis.

Software Upgrade Program

Customers may enroll in OSI Security Devices’ preferred software upgrade program. This program will ensure that REGISTERED customers have access to all software upgrades and enhancements. This program is available in one year increments.

OM100, OM300, OM500 Pocket PC Data Link Software

This software allows users to program their 2002 version OM100, OM300, and OM500 keypad-only electronic locks with any compatible Windows® CE® Device or PocketPC®. Users may continue to program their locks with the traditional OSI WP4000 printer and/or any of the authorized Windows® CE® Device or PocketPC®s (contact OSI for a current list of approved Windows CE Devices or see page 49 for a list effective December 2003).
Access Control System Accessories

Track 2 Magnetic Card Reader p/n 11274
The Track-2 Magnetic card reader allows OM2000 users to enroll OSI Track-2 magnetic stripe cards or their own pre-programmed Track-2 magnetic stripe cards (driver’s licenses, student IDs, credit cards) into the OM2000 magnetic card reader system. The card reader must be used in conjunction with the Administrator's Kit part number 11278 and an approved Windows® CE® Device or PocketPC® (see page 49 for a list of approved devices).

Track 1/2/3 Magnetic Card Reader p/n 11392
The Track-1/2/3 Magnetic card reader allows OM2000 users to enroll OSI Track-2 or Track 3 magnetic stripe cards or their own pre-programmed Track-2 or 3 magnetic stripe cards (driver’s licenses, student IDs, credit cards) into the OM2000 magnetic card reader system. The card reader must be used in conjunction with the Administrator’s Kit part number 11278 and an approved Windows® CE® Device or PocketPC® (See list on page 49 or contact OSI).

Proximity Card Enrollment Reader
part number 11507-001 (at right) enrolls HID media using Serial RS-232 ports or part number 11507-002 is for use with USB ports.

Proximity Card Enrollment Readers p/n 11507 or p/n 12060
The Proximity Card Enrollment reader allows OP2000 users to enroll proximity cards and/or Keyfobs into the OP2000 Proximity card reader system. The card reader must be used in conjunction with the Administrator’s Kit part number 11628 and an approved Windows® CE® Device or PocketPC® (See list on page 48 or contact OSI).

Magnetic Card Encoder
The Magnetic Card Encoder allows users to program and even re-program their magnetic cards. Many US Government facilities are using the system to program their Common Access Cards (CAC) into the OMNILOCK OM2000-Series systems. Call OSI with any questions or for information on the Magnetic Card Encoder systems.
Approved Programming Printers and PocketPCs

WP4000 WIRELESS PRINTER  p/n WP4000

The WP4000 wireless printer is required for programming all OMNILOCK OM250 locks or OM100, OM300, or OM500 Series locks. One WP4000 printer will work with any number of locks.

SPECIFICATIONS
Dimensions: 3-1/2” W x 7” L
Interface: Infrared light beam
Activation: By holding above the keypad and entering a Master or Sub master code
Distance: 1” to 4” above the keypad
Printing: Prints all reports and programming menus
Batteries: 4 ‘AA’ 1.5 volt alkaline batteries (supplied)

Printer for OM250, 100, 300, 500 part number WP4000
Thermal Paper for WP4000 (Box of 6) part number WP106

WINDOWS® CE® Device or PocketPC®

The Windows CE or PocketPC devices are required for programming any of the OMNILOCK OM2000 or OP2000 locks. Additionally, these devices may be used to program the newer generation of OM100, OM300, or OM500 Series locks. One CE Device will work with any number of locks.

SPECIFICATIONS
Dimensions: Typically 3-1/2” W x 5” L x 1” D
Interface: Full Duplex Bi-directional Infrared (No plug-in cables required)
Distance: 1” to 8” from the IR port
Batteries: Rechargeable lithium-ion long-life batteries (supplied)

Approved Windows® CE® Devices and PocketPC®s (Effective December 2003)
The following is a list of the currently approved PocketPCs.

- Casio: Cassiopeia E-125, E200, EM500, and EG-800
- Compaq: AERO Model 1520, Model 1530, and Model 2150
- Compaq: iPAQ Model H3100, iPAQ Model H3600, and iPAQ Model 3760
- Compaq: iPAQ Model 3835, iPAQ Model 3975
- Dell: AXIM Model X3
- Dell: AXIM Model X5 (pictured above left)
- Hewlett-Packard: Jornada Models Series 420, 430, 520, 540, and 560
- Hewlett-Packard: iPAQ Model h1910, h1915, h2215, h4150, h4155
- Hewlett-Packard: iPAQ Model 2215 and Models 5550, 5555

Check www.omnilock.com or call OSI for the latest list of compatible devices
Parts and Accessories

HID Proximity Cards, Fobs, and eProx Tags
All Prox Card II cards are durable and are punched for attachment to ID clips or lanyards. Prox Fobs are extremely durable, portable, and are sold ready for attachment to key rings or lanyards. Proximity tags may be adhered to existing ID cards or badges allowing access to OP2000 systems without interrupting card's use with other systems or purposes.

- Prox Card II, no Logo, related User ID Mark printed on card: part number 11676-001
- Prox Card II Card, OSI Logo, related User ID printed on card: part number 11676-002
- Prox Card II Card, Default Programmer Card: part number 11879
- Prox Card II, no Logo, random ID Mark printed on card: part number 11676-004
- Prox Card II Card, OSI Logo, random ID Mark printed on card: part number 11676-005
- Prox Fob, related User ID Mark printed on fob: part number 11678-001
- Prox Fob, random User ID printed on fob: part number 11678-002
- Proximity Tag: part number 11677-001

Track 2 and Track 3 Magnetic Stripe Cards
The following Track 2 and Track 3 Cards are in stock at OSI. Special order ID cards are available (call for information).

- Pre-programmed Track 2 Card: part number 10983-002
- Non-programmed Track 2 Card: part number 10983-001
- Track 2 Default Master ID Card: part number 10983-003
- Pre-programmed Track 3 Card: part number 10983-004
- Non-programmed Track 3 Card: part number 10983-001
- Track 3 Default Master ID Card: part number 10983-005
- Blank Photo ID quality Card: part number 10983-006
- Card Reader Cleaners (50 pk): part number 11071

The proximity eProx Tag (above) allows users to adhere HID prox technology to existing cards or ID badges (call OSI for information).
User Manuals and Replacement Parts

**OMNILOCK Operator Manuals**
All operator’s manuals are available for download from the OSI website. If end users prefer to have a replacement hardcopy of one of the operators manuals, they are available from the OSI factory at a nominal charge.

- Operation manual for OMNILOCK 100, 300 & 500 Series part number 10957
- Operation manual for OMNILOCK 250 Series part number 6601
- Administrator’s Guide for OMNILOCK 2000 Series part number 11068

**Replacement Part Kits and Instructions**
All replacement part kits include instructions. Most installation instructions are available for download from the OSI website at [www.omnilock.com](http://www.omnilock.com).

**OM250 Replacement Parts**
- Kit, Lithium Power-Pak for use with OMNILOCK OM250 Series part number 6610
- Kit, Numeral Replacement, Model OM250 part number 10357
- Relay, Wall Mount System, Model OM250 part number 6300
- Kit, Replacement Drive Spring, Cylindrical OM250 part number 10079
- Replacement Drive Motor, Cylindrical OM250 part number 6002-006
- Replacement Drive Motor, Mortise OM250 part number 6002-002
- Kit, Replacement Drive Motor, Cylindrical OM250 part number 10240-001
- Kit, Replacement Drive Motor, Mortise OM250 part number 10241-001
- Kit, Replacement Drive Spring, Mortise OM250 part number 10927
- Kit, Replacement CPU, OM250 part number 11083
- Kit, Replacement Keyboard (PCB only), OM250 part number 11030
- Kit, Replacement Plastic Buttons, OM250 part number 11085
- Kit, Replacement Stainless Steel Buttons, OM250 part number 11084
- Instructional VHS video tape for OMNILOCK 250 Series part number OMVID-1

**OM100, 300, 500 Replacement Parts**
- Kit, Numeral Replacement, Model OM50, 100A, 300A, 500A part number 10367
- Kit, Remote Release Switch (for pre-2002 OM100,300,500) part number 10880
- Relay, Wall Mount System, Model OM100, 300, 500, OM2000 part number 10620
- Keypad Cover, Rubber with Poly Cap, OM100A, 300A, 500A part number 10942-002
- Circuit Board, Keyboard pre-2002 OM100, 300, 500 part number 10018-001
- Circuit Board, Keyboard post-2002 OM100, 300, 500 part number 10955-002
- Circuit Board, CPU, pre-2002 OM100,300,500 part number 10051-001
- Circuit Board, CPU, post-2002 OM100,300,500 part number 10045-002
- Circuit Board, CPU, post-2002 OM100, 300, 500 weatherized part number 11232-001

**OM2000 Replacement Parts**
- Kit, Remote Release Switch (for pre-2002 OM100,300,500) part number 10880
- Relay, Wall Mount System, Model OM100, 300, 500, OM2000 part number 10620
- Circuit Board, Keyboard, OM2000, OP2000 part number 10955-001
- Circuit Board, CPU, OM2000 part number 10545-001
- Circuit Board, CPU, OP2000 part number 11331
- Circuit Board, CPU, OM2000 weatherized part number 11232-001
Weather Covers and Wraparound Plates

Stainless Steel Shroud p/n 11856
The Stainless Steel Shroud (at left) will provide protection from dirt and rain. Also available are the SP2 acrylic spyshields p/n 11370-001 (Smoke tint) or p/n 11370-002 (Clear tint)

NOTE: (for extreme weather conditions we recommend use of weatherized model (W or WX) locks.

Wraparound Plates and Gate Adapters
Wraparound plates allow users to conceal holes from previously installed hardware or strengthen damaged doors prior to installing an OMNILOCK (keep in mind that all of the OSI Cylindrical locks install in a standard ANSI 156.2 door preparation). Special plates have also been designed to conceal the preparations left by other locks and Access Control Systems.

Mortise wraparound plates (below left) conceal door damage and also allow easy installation of all Mortise products. Order p/n 11708/9 for Schlage and p/n 11711/2 for the Falcon Mortises.

Flat plates p/n 12061 (right) are designed to cover the door preps from the ILCO L1000 or similar pushbutton locks and allow easy installation of any Cylindrical OMNILOCK.

The steel Gate Adapter (left) allows OMNILOCK cylindrical locks to be installed on custom gates. Comes prepared for use with Cylindrical locks.

The Locknetics plate p/n 11586 is used to conceal the exposed holes from CM lock door installations. The plate is mounted by security screws.

Above is the SWS-1 Spysheild OMNILOCK OM250 Series p/n 5021

The Cylindrical wraparound plate facilitates installation of Schlage or Arrow Cylindrical OMNILOCK products p/n 11710-XXX.
# Replacement Motorized Locks

## OMNILOCK Replacement Lock Chassis and Hardware
All OSI Grade-1 motorized locks are available from the OSI factory. Arrow Q-48 or Schlage D Cylindrical locks and Schlage or Falcon Mortise and Mortise-with-deadbolt locks are available with or without trim.

### OM250 OMNILOCK Systems
- Schlage D-70 Cylindrical RHO trim 626, STD core (OM250 only) part number 4020-626
- Schlage D-70 Cylindrical RHO trim 626, ICR lg core (OM250 only) part number 4022-626
- Schlage D-70 Cylindrical RHO trim 626, ICI sm core (OM250 only) Call OSI for part number
- Schlage L 9000-series mortise lock less trim (OM250 only) part number 4540
- Schlage L 9000-series mortise-deadbolt lock no trim (OM250 only) part number 4560

### OM50, OM100, OM2000, OP2000 OMNILOCK Systems
- Schlage D-80 Cylindrical lock with RHO trim 626 (STD core) part number 10722-001
- Schlage D-80 Cylindrical lock with RHO trim 626 (lg IC core ICR) part number 10725-001
- Schlage D-80 Cylindrical lock with RHO trim 626 (small IC core ICI) part number 10775-001
- Arrow Q-48 series Cylindrical lock with SR trim 626 (STD core) part number 11053-001
- Arrow Q-48 series Cylindrical lock with SR trim 626 (IC core) part number 11054-001
- Schlage L 9000-series Mortise lock less trim part number 10861
- Schlage L9000-series Mortise lock less trim (with Option K) part number 11390
- Schlage L 9000-series Mortise-deadbolt lock less trim part number 10862
- Schlage L 9000-series Mortise-deadbolt lock no trim (with Option K) part number 11391
- Falcon Mortise lock less trim part number 10646
- Falcon Mortise-deadbolt lock less trim part number 10647
- Falcon Mortise lock with DG trim, 626 finish part number 10524
- Falcon Mortise-deadbolt lock with DG trim, 626 finish part number 10525

---

[![Arrow Q-series Cylindrical chassis p/n 11053-001](image1.png)](image1.png)
[![Schlage D-80 Cylindrical chassis p/n 10722-001](image2.png)](image2.png)
[![Falcon Mortise lock chassis p/n 10646](image3.png)](image3.png)
[![Schlage L-series Mortise with-deadbolt lock chassis p/n 10862](image4.png)](image4.png)
Demonstration Units

OSI Security Devices’ demo units are mounted on solid oak blocks. Demonstration mounts are available from the OSI Factory in selected Cylindrical, Mortise, Wall Mount, Quick Adapter, and Exit Device Trim.

At right is the solid oak mount for a Cylindrical OMNILOCK. This mount, part number 10110, can accommodate any OSI Cylindrical access control system.


Pictured above is OM100-C-SR-626-ICI-G-N-P OMNILOCK OM100 Cylindrical Arrow chassis.

NOTE: OMNILOCK 2000-series locks require purchase of OMNILOCK OFM software and an approved PocketPC® (see page 49 for a list of the approved devices) for full operation. All units are shipped with Default programming card and are set to factory default codes.
Demonstration Units

At left is the solid oak mount for an OMNILOCK Falcon mortise with deadbolt lock. Order part number 10483-01

Below is an OP2000-MD-DG-626-STD-G-N-P OMNILOCK Proximity lock mounted on Falcon Mortise-with-deadbolt hardware


NOTE: OMNILOCK 2000-series locks require purchase of OMNILOCK OFM software and an approved PocketPC® (see page 49 for a list of the approved devices) for full operation. All units are shipped with Default programming card and are set to factory default codes.
OMNILOCK Demo Request Form

End User’s Name: __________________________ Company: ________________________________

Address: ________________________________ City, State, Zip: ________________________________

Phone: ___________________ Fax: ___________________ E-mail: ___________________________

Distributor: _____________________________ Distributor’s Sales Rep: _________________________

Distributor’s Sales Rep Phone: _______________ Purchase Order/Invoice #: _____________________

Description of desired Demo System and associated accessories: ______________________________
___________________________________________________________________________________

Part Number (Example below):
OP - 2000 - C - RHO - 626 - G - STD - WX - P

Product - Users - Type - Trim - Trim Finish - Housing Finish - Key Cylinder - Environment - Buttons
____ - _____ - _____ - ______ - ______ - ______ - ______ - ______ - ______ - ______

Should this system be provided on a wooden demo mount? YES / NO

Other System or Accessory Part Numbers (Pocket PC, Software, etc):

1. __________________

2. __________________

Date Required (subject to existing backlog): ____________

Total List Price of Demo System: __________________________________________

OSI Approval of Demo: ____________________________ Date: _______________________  

Customer’s Approval: ____________________________ Date: _______________________

Please Note:
All OMNILOCK demo systems are provided for a 30-day trial period unless otherwise specified and agreed upon, in writing, by OSI Security Devices, the Distributor, and the End User. All demo systems will be processed through a Distributor and invoiced to the Distributor by OSI at the conclusion of the 30-day trial period (Purchase Order will not be invoiced by OSI until completion of trial period). Any systems returned in a damaged or unserviceable condition will be invoiced to the associated Distributor.
Policies and Terms of Sale

PAYMENT
Any payment received from any customer ("Buyer") of OSI Security Devices ("Seller") may be applied by Seller against any obligation owing by Buyer to Seller, regardless of any statement appearing on or referring to such payment, without discharging Buyer's liability for any additional amounts owing by Buyer to Seller. The acceptance by Seller of such payment shall not constitute a waiver of Seller's right to pursue any remaining balance. On any invoice not paid when due, Buyer shall pay a late charge from the due date to the date of actual payment at the rate of 18% per annum (or such lower rate as may be the maximum permitted by law). Should Buyer fail to make any payment required hereunder, Seller may, without notice, declare all obligations of Buyer to Seller ("Obligations") immediately due and payable, whether or not such late charges are included in any statement of account rendered to Seller by Buyer. Should any dispute arise with respect to any goods delivered by Seller to Buyer, Buyer shall nevertheless pay all invoices covering merchandise not in dispute, without setoff, defense or counter-claim. Buyer irrevocably agrees that it will not, without Seller's prior written consent in each instance, tender any payments for less than the full amount of the invoices to which said payments apply ("Partial Payments"). Any Partial Payments tendered by or for the account of Buyer shall not extinguish or otherwise affect any unpaid portion of the subject invoices, despite any notation on or accompanying said payment such as "in full payment", "in full satisfaction", or words of similar effect.

TERMS
Terms are NET 30 Days, unless otherwise agreed to in writing and signed by Seller. It is understood that Buyer may use his normal purchase order or other forms in placing orders hereunder. However, any such forms shall be used for convenience only and any terms or provisions which may be contained therein inconsistent with, or in addition to, those contained herein shall have no force or effect whatsoever. Seller reserves the right to refuse orders and is not bound to honor them unless they have been accepted at the Factory. Also, Seller reserves the right to sell or not to sell to a Buyer for any reason which in their sole discretion seems appropriate.

PRICES
All prices are subject to change without notice and are not guaranteed until Buyer’s purchase order is accepted by Seller

QUOTATIONS
Quotations are based on market conditions and are subject to acceptance within 60 days of the date of quotation.

ORDER CHANGES
Changes to an order after it has been released for production, are subject to a charge equal to unrecoverable manufacturing costs incurred in making the order. All changes to orders MUST BE IN WRITING. There will be no changes accepted for any order within 20 days of our scheduled shipping date.

CANCELLATIONS
Canceled orders will be subject to a charge equal to 50% of the material and 100% of the labor costs incurred at the time the cancellation is received. CANCELLATION OF ANY ORDER OR PART OF ANY ORDER MUST BE IN WRITING. Cancellation of any cataloged goods will not be accepted within 20 days of Seller’s scheduled shipping date.

MINIMUM ORDER
All purchase orders must be a minimum of $50.00 NET.

DELIVERIES
Specified shipping dates are based only on Seller’s best estimates, are approximations only, and cannot be guaranteed. Seller cannot accept orders which are subject to a penalty clause. Seller is not responsible for, and assumes no liabilities for, any damages or penalties that might be incurred due to delay in the shipment of Seller’s products.

CLAIMS
All quality claims must be asserted by Buyer in writing to Seller within 30 days after delivery, except claims of latent defects which must be asserted by Buyer in writing to Seller within 10 days after the defect is discovered, but in no event more than 30 days after delivery. Claims of late delivery are barred unless made prior to delivery of merchandise, and the delivery of any merchandise shall constitute a waiver of any claim that it was delivered late. Claims for price adjustments must be made within 30 days of date of invoice.

WITHDRAWAL OF CREDIT APPROVAL
Seller reserves the right, before shipment of any goods ordered by Buyer from Seller, to require that all or a portion of the purchase price relating thereto be paid to Seller, in good funds, prior to shipment.

MATERIAL ADVERSE CHANGE IN BUYER'S FINANCIAL CONDITION
Notwithstanding the stated due date of any Obligation, all Obligations shall become immediately due and payable, without notice, in the event that the Seller determines there to have been a material adverse change in the financial condition or business affairs of the Buyer so that in Seller's reasonable judgment the Buyer's ability to pay Obligations has become impaired.
Policies and Terms of Sale

BACK CHARGES
Seller is not responsible for, does not authorize, and will not accept any charges for the cost of any labor or material incurred by anyone other than Seller for any installation, repair, service, or replacement unless incurred with Seller’s prior written consent and agreement.

RETURNS
Merchandise may not be returned to the Seller without prior authorization from the Seller. The return material authorization (RMA) number must be clearly marked on the box.

RE-STOCKING FEE
All returns are subject to a 25% minimum re-stocking fee. Damaged products will be evaluated and a service charge will be added to the re-stocking fee. OSI will not accept overstock for product over one year old.

WARRANTIES
All OMNILOCK systems are under warranty for twelve months from the date of purchase. All customers are encouraged to register their OMNILOCK systems and/or software. Registration may be accomplished by either calling the factory, filling out the registration form included with ALL products, or by registering at the OSI website www.omnilock.com. Extended lock warranties are available in 12 month increments at 10% of Net sale price for 12 months, 15% for 24 months, and 20% for 36 months. No extended warranties are available for over 5 years from date of sale. Extended warranties must be purchased within six months of original purchase date and are not transferable.

FREIGHT
Full freight allowed on shipments of $5000.00 net invoice value, sent through routing of Seller’s selection (Continental US only). Delivery is made to curb or dock-side only. Freight allowed shipments to Alaska will be prepaid to Seattle, to Hawaii will be prepaid to San Francisco, and to Puerto Rico will be prepaid to Miami. Special freight terms apply to export shipments. Upon delivery to the transportation company, shipments become the property of the Buyer, who assumes full risk for loss or damage in transit.

NOTE: Buyer may specify a carrier or routing of their choice; however, when such a carrier or routing results in a higher freight charge than Seller’s choice of carrier or routing, the additional cost will be added to the invoice.

ENFORCEMENT OF OBLIGATIONS; VENUE
Buyer agrees to pay all Seller’s costs and expenses, including reasonable attorney’s fees, expended or incurred (whether or not in connection with judicial proceedings) by Seller in enforcement of the Obligations, or in defense of any claims asserted by Buyer arising out of any goods purchased by Buyer from Seller. Buyer consents to the in persona jurisdiction of any state or federal court located in San Diego, California. Buyer agrees that services of process may be made by mailing a copy of the summons and complaint to Buyer at its address set forth in Seller’s records. In recognition of the higher costs and delay which may result from a jury trial, Buyer and Seller expressly waive any right to trial by jury of any claim arising out of the sale of goods by Seller to Buyer, whether sounding in contract, tort, or otherwise. Buyer and Seller consent and agree that any such claim, demand, action or cause of action shall be decided by a court trial without a jury, and either party hereto may file an original counterpart of a copy of this writing with any court as written evidence of the consent of the parties hereto to the waiver of their right to trial by jury.

MISCELLANEOUS
Choice of Law. All contracts between Seller and Buyer shall be governed by and construed in accordance with the laws of the State of California. No waiver, no failure to exercise and no delay in exercising any right, power or remedy which Seller may have, nor shall any such delay be construed to be a waiver of any such rights, powers or remedies, or any acquiescence in any breach or default under any agreement between Buyer and Seller. Seller reserves the right to discontinue any design, function, finish or change any specification without notice. Seller is not responsible for any alterations, additions or modifications to Seller’s products by any person or firm. These Conditions Of Sale constitute the complete and entire statement of the terms on which Seller sells its products and supersedes any prior agreements or understandings relating to the subject matter hereof. Seller reserves the right to discontinue direct sales to any customer who does not meet our annual minimum sales volume. The current annual NET purchases requirement is $5000.00. Seller reserves the right to change this annual minimum of net purchases at any time. Annual purchases shall be determined on the basis of accepted, non-canceled orders received from Buyer during each fiscal year. This requirement is necessary because Seller’s administration, sales and service costs to keep an account open may exceed any profit which might be realized below the level of this minimum.

EXPEDITE FEE
All orders of five or less locks that are requested by the Buyer to have a shipping time of less than ten business days are subject to a $75.00 expedite fee. For orders of over five locks, the fee for an expedited order will be 5% of the net order price. This fee is not subject to any discounts.
Notes:

__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________