Rattler™ G
Dismounted Miniature Coded Designator / Marker

Revolution in Designator Size, Weight and Power (SWaP)

The Rattler™ G is a dismounted hand-held, man-portable target designator/marker which rapidly enables warfighters to bring effective fire to bear on hostile targets. Its miniature Size, Weight and Power (SWaP), facilitated by cutting edge diode-pumped technology, makes it body wearable and accessible for immediate use during TIC situations and CAS missions.

Rattler offers a new solution for:

• Close Air Support (CAS) Enhanced Target Engagement
• Ground Surface-to-Surface Precision Laser-Guided Munitions Target Engagement

Advantages

• Allows the pilot positive and accurate targeting from a greater distance
• Reduces sensor-shooter loop time
• Reduces the possibility of collateral damage

Operation by:

• Individual soldier, Troops In Contact (TIC)
• Joint Terminal Attack Controller (JTAC)
• Joint Forward Observer (JFO)
Main Features

Body wearable  Pouch attachment
Very lightweight  3.7 lbs (1.7 kg) incl. batteries
Power source  Standard btry. CR123 / rechargeable
Designation codes  Selectable
Direct View Optics  Mag. X 5.5
OLED display  Projected on scene
Visible pointer  0.63μm, 3mW
IR Pointer  0.83μm, 0.8W
Mounting options  Picatinny rail grabber (bottom)
Picatinny rail for day & night sights
Accessories  External power cable, battery pack, operator manual, carrying case

Technical Data

Repetition rate, max.  20 PPS, NATO STANAG 3733
Energy per pulse  27mj
Divergence  <0.4 mRad
Pulse width  15 nSec
Lasing time (per btry. set)  30 min @ room temp.
Operating temperature
  - Battery limitation  -10º to +49ºC
  - External power  -30º to +49ºC
Operating ranges
  - Pointing  20 km
  - Coded marking  6 km
  - Target designation  3 km (NATO-size target)
  5 km (building-size target)

Applications

• Target designation/marking
• Add-on designation capabilities to existing day/night observation sights