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)

Elbit Systems
Electro-optics - Elop

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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

Rattler™ G & CORAL-LS

Day/night designation/marking with see-spot capability

Rattler™ G & CORAL-CR

Day/night target acquisition & designation/marking system