



NETWORKING THE INFANTRY



RAPTOR

Mini-Reflex Sight

RAPTOR is a new addition to ITL's battle-proven product line of individual weapon aiming devices. This innovative, low-silhouette, affordable sight features a hologram-like illuminated red aiming reticle with automated, real-time brightness optimization. RAPTOR is equipped with a unique Always-Ready-to-Fire (ARTF) mechanism that eliminates the need for manual ON/OFF operations while minimizing energy consumption. RAPTOR is also designed with a dedicated internal space and interface for future clip-in modules.

- Integral (Picatinny rail-type) weapon adapter for enhanced boresight retention.
- Perfect day- and night-capable solution for infantry, special operations, and law enforcement missions.

- »» Automatic shut-off & motion-activation
- »» Automatic brightness control
- »» Single 1.5 AA Alkaline battery operation
- »» Low Battery indication in field of view
- »» Optional X3 add-on telescope, night vision monocular, clip-in modules and user-tailored aiming reticle patterns

RAPTOR



Technical Characteristics

Optics & Sensors

Magnification	X1
Field of view	>12° at 70 mm eye relief; unlimited when both eyes open
Exit Aperture	15mm
Parallax	0.25 mrad at infinity (max.)
Aiming Pattern color	Red

Electrical

Power source	1.5V Alkaline or 3.6V Lithium "AA" Battery
Power consumption	20 mA
Operation duration & typical infantry mission profile	Minimum 2 months without battery replacement
Low voltage Power Save mode	Low battery power indication Automatic power shut-off after 3-5 min if stationary; power resumes immediately when shifted

Physical

Dimensions (LxWxH)	140x45x45 mm (excluding adapter)
Weight Adapter	<250 gr. Integral Picatinny rail-type mount

Operations and Controls

Boresight Adjustment	0.4 mrad increments
Aiming Accuracy	0.2 mrad

Environmental

Complies with MIL-STD-810



RAPTOR & Mini-N/SEAS
in night configuration



RAPTOR stand-alone



RAPTOR & TriSight
(X3 telescope
without reticle)



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Specifications subject to change at any time

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The manufacturer has a policy of continuous improvement and reserves the right to make changes without prior notice 10/08