

HuntIR / RangIR – THERMAL TARGETING SIGHTS

RECONNAISSANCE & EFFECTIVE ENGAGEMENT



- Clear image of remote targets for all relevant levels of command with 24/7 operational readiness
- Performance headroom for severe weather
- Camouflage buster by thermal signature even at daytime
- Identification beyond engagement range of small arms and crew served weapon
- Wide field of view for MOUT scenarios and short response time in unclear situations
- In-flight visibility of trajectory for rapid shot corrections with AGLs
- Standoff capability and precision for high first-round hit probability and prevention of collateral damage

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TECHNICAL DETAILS

- Hands off operation
- Automatic contrast and brightness adjustment
- Interface to Picatinny weapon rail
- Qualified on numerous sniper rifles, machine guns and AGLs
- Ergonomic design
- Interface for external display
- Weight: < 3.0kg
- Autonomy: > 3 hours / > 4 hours HuntIR/RangIR

OPTRONICS

- Fields of view: 2.3° x 3.0° and 6.8° x 9.1°
- Range Performance: 1,700m (NFOV) identification in accordance with STANAG 4347 and TRM3-approach

TARGETING

- HuntIR: Reticules
- RangIR: integrated ballistics computer using laser range finder and digital magnetic compass

LASER RANGE FINDER (RangIR)

- Wavelength 1.55µm, eye-safe class 1
- Range > 2,200m (standard target 2.3m x 2.3m, albedo 10%, visibility 10km)

DIGITAL MAGNETIC COMPASS (RangIR)

- Azimuth range: 360°, accuracy 0.5° (2σ), elevation and bank range +/-45°, accuracy 0.2° (2σ)

ENVIRONMENTAL CONDITIONS

- Operation temperature: -32°C to +49°C
- Storage temperature: -33°C to +71°C



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