

ZARQA

THERMAL WEAPON SIGHT

NEW GENERATION UNCOOLED THERMAL SIGHT
8-12 μm WAVELENGTH
DIFFERENT OBJECTIVE ALTERNATIVES
LIGHT & ERGONOMIC
RUGGED DESIGN





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Applications

- Night Shooting & Marksmanship
- Law Enforcement
- Observation & Surveillance

Main Features

- High resolution OLED display
- Automatic image optimization
- Image freeze
- Hot white/Hot black (Polarity selection)
- Brightness/contrast adjustment
- Focus adjustment
- Diopter adjustment
- Accessing functions with menu
- Image transfer to head-up display
- Add-on piccating rail mounted on sides of the sight
- Mount for weapons (Piccating Rail – MIL-STD-1913)
- Mounting with high accuracy
- Ergonomic design for hand-held use
- Shuttered eyecup
- Battery level indicator
- Compliant to military specifications (MIL-STD-810G)

Optional Accessories

- Laser pointer
- IR illuminator
- Mounting adapter for various weapons
- Custom adapter design upon request

Technical Specifications

• Frequency Band	: 8-12 μm
• Detector	: Uncooled
• Detector Resolution	: 640x480
• Detector Pixel Size	: 17 μm x 17 μm
• Field of View	: 10.3° x 7.7°
• Magnification	: 2.5x
• Electronic Zoom	: x2, x4
• Video Output	: CCIR
• Operation Time	: \geq 4 hours
• Diopter Adjustment	: -6/+2
• Battery	: Li-Ion
• Mechanical Interface	: MIL-STD-1913 (Picatinny)

Environmental

• Operating Temperature	: -30°C – +55°C
• Storage Temperature	: - 45°C – +65°C
• Water Resistant	: 1 m, 30 min.
• Environmental Spec	: MIL-STD-810 G

Standard Accessories

- Eyecup
- Carrying case
- Transportation case
- Objective & Eye-piece cover
- Optical cleaning kit

Other Members of ZARQA Family

	ZARQA TWS10	ZARQA TWS15	ZARQA TWS25M	ZARQA TWS40	ZARQA TWS50M
Field of View	24.6°x18.5°	17.7°x13.3°	10.3°x7.7°	6.2°x4.7°	5.1°x3.8°
Magnification	1x	1.5x	2.5x	4x	5x
Weight (w/o accessories)	620 g	680 g	760 g	960 g	1100 g

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