

# ATAY-100

MANPADS MISSILE THERMAL SIGHT

HIGH RESOLUTION LWIR THERMAL SENSOR

DUAL FIELD OF VIEW

DUAL USE: WEAPON SIGHT & HAND HELD





# ATAY-100

## MANPADS MISSILE THERMAL SIGHT

### Applications

- Sight for Rocket & Missile Launchers
- Reconnaissance & Surveillance

### Main Features

- Motorized Focus and FOV Adjustments
- Automatic Image Optimization
- Compatibility to be Used as Hand Held & Weapon Sight
- Polarity Alternatives (White-hot & Black-hot)
- Battery Level Indicator
- External Software Update
- High-Resolution OLED Display

### Standard Accessories

- Transportation Case
- Objective & Eye piece Covers
- Optical Cleaning Kit

### Environmental Conditions

- Operation Temperature : -30°C / +50°C
- Storage Temperature : -32°C / +65°C
- Environmental Spec : MIL-STD-1810G

### Technical Specifications

- Detector : Uncooled Micro-Bolometer
- Wavelength : 8-12  $\mu$ m (LWIR)
- DetectorResolution : 640 x 480
- PixelSize : 17 $\mu$
- Fieldof View : Wide: 12°x9° / Narrow: 4°x3°
- E-zoom : x2 & x4
- DisplayResolution : 800 x 600
- DioptriAdjustment : -6 / +2
- Video Output : PAL
- CommunicationInterface : RS422
- Battery : Li-ion, Rechargeable
- OperationTime : 6 Hours
- ExternalPowerSupply : 28 VDC
- Weight : 2,2 kg
- Dimensions (WxLxH) : 138 x 283x 145 mm

Specifications are subject to change without any notice. | All tolerances are within  $\pm 10\%$ .

