

ATAY-300

FIRE CONTROL UNIT
ELECTRO OPTICAL SYSTEM

FIELD PROVEN
ERGONOMIC AND RUGGED DESIGN
COMPLIANT WITH MIL-STD-810
HIGH RESOLUTION MID WAVE INFRARED SENSOR
CONTINUOUS ZOOM CAPABILITY(DAY AND THERMAL)
LRF,DMC AND GPS INTEGRATED SYSTEM





ATAY-300

FIRE CONTROL UNIT ELECTRO OPTICAL SYSTEM

Applications

- Anti Tank Weapon Systems
- Armored Vehicle Systems
- Fire Support
- Target Detection

Main Features

- Motorized focus, FOV and zoom adjustment
- Automatic image enhancement
- Coordinates of target are calculated in real time
- Easy battery change
- Shuttered eyecups
- Higtresolution OLED display

Standard Accessories

- Rechargeable Batteries
- Battery Charger
- Eyecup
- Lens Cover
- Optical Cleaning Kit
- Carrying Case

Technical Specifications

Thermal Imager

- Sensor : 640x512 MWIR (3-5 μm)
- Cool-down Time : <7 min @ 23°C±2°C.
- Field of View
 - WFOV : 20°x 16°
 - MFOV : 6°x 4,8°
 - NFOV : 2°x 1,6°
 - Continuous from NFOV to WFOV
- E-Zoom : 2X

Laser Range Finder

- Class 1, Eye Safe, 1,54 μm
- Range : < 20 km
- Accuracy : 5m rms

Color TV

- Sensor : 1/4" Color CCD
- Field of View
 - WFOV : 20°x 15°
 - MFOV : 6°x 4,5°
 - NFOV : 2°x 1,5°
 - Continuous from NFOV to WFOV

Digital Magnetic Compass

- Accuracy : 1°rms

GPS

- Accuracy : ≤35rms

Physical

- Weight : ≤5 kg
- Battery Life : ≥3 hours
- Dimensions : 275 mm x 270 mm x 120 mm

Environmental Conditions

- Operating Temperature : -35°C to +60°C
- Storage Temperature : -40°C to +60°C
- Environmental Spec : MIL-STD-810G

