Thermal night vision

General information about ADTC-7032TN Thermal night vision:

ADTC-7032TN allow users to detect people, weapons and animals in any harsh environment such as total darkness, haze, dust, sleet, forest, grass, disguise, etc., turning night to day.

ADTC-7032TN are widely used in the night observation and surveillance for soldiers, commanders, armed policemen and other law enforcers.

Main Features:

- ✓ 640×480 FPA detector
- ✓ Built-in DMC，GPS for Wolf70
- ✓ Built-in 4G SD card for recording videos and images, external video output
- ✓ High-definiton binocular OLED，800×600
- ✓ MIL-STD-810F standard

Technical specification of the device:

Detector Data:

- Detector type:Uncooled FPA detector
- Detector material:Asi
- IR resolution:640×480
- Pixel pitch :17um
- Spectral range:8～14um
- Detector frequency 50Hz
- Sensitivity:60mk@30℃
- Time to image:4s

Image Performance:

- NUC:Shutter correction
- Noise reduction:Digital filtering
- E-zoom:2×、4×
- Polarity:Black hot/White hot
- Video output:PAL or NTSC
- Gain adjustment:Manual
- Micro-display adjustment:Brightness
- Display:800×600 binocular OLED
- Video recording:Built-in 4G SD card for recording videos and images

Optical Performance:

- Focus distance:75mm
- Lens type:Manual
- Eye relief:25mm
- Diopter:-6 ～ +4
- Batteries:6pcs rechargeable AA batteries
- Battery operation time:＞5hrs, normal temperature

Positioning Function:

- Laser ranging:N/A
- DMC:Yes
- GPS :N/A

Interface:

- Multi-cable aviation plug:Power interface
- Video output（PAL）

Environmental Data:

- Operating temperature range:-35℃～+60℃
- Storage temperature range:-40℃～+70℃
- Encapsulation:IP67
- Shock & Vibration & EMC:1m drop resistance

Physical Data:

- Weight:≤1.3kg
- Size:180mm*145mm*86mm