



OPTICOELECTRON

THERMAL IMAGING RIFLESCOPE TERECON35-384



Description:

The Terecon35-384 is the compact thermal imaging scope developed for 24 hours operation under any weather and environmental conditions. Thermal image rifle scope has 384x288 thermal detector and 1024x768 OLED monitor, which provides clear image under harsh environment conditions like darkness, fog, smoke, dust, rain, snow, wood, camouflage, etc. The device is used as a thermal rifle scope or handheld monocular. The scope is mainly applied to scenarios such as patrolling, and hunting, etc. Onboard Wi-Fi module for live video streaming and video/images recording via application are also available. Powered with two CR123 batteries the Terecon35-384 gives up to 4.5 hours of continuous operation time. An external 5V power bank (battery pack) can be easily connected via a USB connector for a significant increase of operating time.

Features

- 384 × 288 thermal resolution, high sensitivity detector
- Adaptive AGC, DDE, 3D DNR, NETD less than 35 mk (@25°C), F#=1.0
- 1024 × 768 resolution 0.39-inch OLED display
- 8x digital zoom
- Video recording and snapshot, built-in EMMC (16 GB)
- Supports distance measurement
- Adjustable color palettes
- Wi-Fi data transmission
- Waterproof, shockproof
- Up to 4.5 hours continuous working
- External power supply capability
- 3 year warranty

Technical characteristics

Resolution:	384x288
Detector:	17µm, Uncooled, 50Hz Vanadium Oxide Uncooled FPA, NETD less than 35 mk (@25°C), Response Waveband - 8 µm to 14 µm
Lens System:	35 mm; F/1.0
Optical Magnification:	2.14 x
Field of View:	10.0° x 8.0°
Digital Zoom:	smooth zoom up to 8x and PIP (picture in picture mode)
Observation Distance:	Max. 1235 m
Eye Relief:	45 mm
Display:	0.39-inch, OLED, 1024 × 768
Crosshair:	Yes
Hotspot and WiFi:	Yes
Distance Measurement:	Yes (Stadiametric range finder)
Palettes:	WHITE HOT, BLACK HOT, FUSION, RED HOT, USB Cable, Lens Cloth, Manual
Hot tracking:	Yes, enable/disable hot spot mark (marking the spot of highest temperature)
Reticles:	5 types, 3 colors, on/off
Language of the menu:	17 languages (English, Russian, German, Czech, French, Spanish, Danish, Norwegian, Swedish, Finnish, Hungarian, Italian, Polish, Portuguese, Romanian, Slovak, Spanish)
Scene Mode:	2 modes Recognition mode improves an image so that the object edge is more distinct. Jungle mode is more suitable for hunting environment because of the highlight function of small objects.
Standby mode:	Yes
Video Recording:	Yes
Picture Snapshot:	Yes
DPC (Dead pixel correction):	Yes
Uniformity Correction:	Auto, Manual, External Correction
Storage:	Built-in EMMC (16 GB)
Battery Type:	Two CR123
Battery Life (Operating, 20°C):	Up to 4.5 hr
External Power Supply:	5V USB
Operating Temperature Range:	-20°C to +55°C (-4°F to +131°F)
Degree of Protection:	IP67
Shock and Vibration:	750 g/ms
Weight:	511 g (1.13 lb)
Overall Dimensions:	226 × 62 × 82 mm (8.9 × 2.4 × 3.2 in)



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