



OPTICOELECTRON

THERMAL IMAGING RIFLESCOPE **TERECON50-384**



Description:

The Terecon50-384 is the compact thermal imaging scope developed for 24 hours operation under any weather and environmental conditions. The rifle scope is made of high-grade construction materials that are lightweight, weatherproof and tough. Three modifications of objective lenses allow choosing perfect unit for your needs where 25 mm lens is designed for short range shooting, 50 mm lens model will be great for medium range missions, while 75 mm lens will become a perfect solution for long range aiming. Powered with two CR123 batteries The Terecon50-384 provides up to 5 hours of continuous work and optional external (5V) battery pack with high-capacity is capable of increasing the total operation time to up to 44 hours. Optionally the capabilities of the device can be extended with Wi-Fi module, external video recorder, or monitor.

Features

- Lightweight and compact design
- Superior clarity, versatility and reliability
- Waterproof & shockproof
- Easy to operate control panel
- High resolution 1024X768 pix. display
- Various reticle types and colors
- 5 Zeroing profiles
- 2x and 4x digital zoom
- Picture in Picture mode with 2x digital zoom
- Automatic or manual (silent) calibration
- Stadiametric rangefinder
- Powered by two standard CR123A batteries
- External power supply via micro-USB
- Optional external Wi-Fi module and video recorder
- Integral MIL-STD-1913 rail on unit for optional accessories
- Limited 3-Year Warranty

Technical characteristics

Detector type:	17 μ m Uncooled Microbolometer based on French ULIS/Lynred sensor
Resolution:	384x288
Refresh Rate:	50 Hz
Recognition:	400yd
Detection:	800yd
Lens System:	50 mm; F/1.0
Magnification:	2.4x
Field of View (H x V):	7.5° x 5.6°
Digital Zoom:	1x, 2x, 4x, PIP
Diopter Adjustment Range:	-5 to +5 dpt
Focusing Range:	10 m to infinity
Eye Relief:	40 mm
Display:	HD 1024x768
Video/Photo Format:	AVI / JPG
Temperature Imaging Palettes:	Black Hot, White Hot and others
Interfacing:	S620 Connector (Power In, Analog Video In/Out, Digital Video Recorder); Micro-USB (External Battery Pack)
Battery Type:	Two CR123A 3V Lithium Batteries
Battery Life (Operating):	Up to 5 hr
Power Supply:	5V USB / 3.6~7.2V
Operating Temperature Range:	-40°C to +70°C (-40°F to +158°F)
Degree of Protection:	IP67
Weight:	0.7 kg (1.54 lbs)
Overall Dimensions:	250 x 70 x 85 mm (9.8 x 2.8 x 3.3 in)
Dimensions (w/o eyecup):	170 x 70 x 82 mm (6.7 x 2.8 x 3.2 in)
Package Includes:	Thermal Imaging Rifle scope, Lens Cloth, Soft Carrying Case, User Manual



OPTICOELECTRON GROUP JSCo
Hi-Tech Industrial Park "Opticoelectron",
Panagyurishte 4500, BULGARIA
tel.: +359 357 64 183 ; +359 357 62 254;
Fax: +359 357 62 254; e-mail: oeg@opticoel.com
www.opticoel.com