



THERMAL IMAGING SYSTEM

OTS14

The OTS-14 is a thermal system intended for law enforcement, military and commercial uses. It is built around state-of-the-art uncooled thermal imaging technology, highly integrated DSP-based electronics and a compact, lightweight system.

The OTS-14 thermal monocular provides excellent image quality which is unaffected by lights or shadows that seriously hamper the image quality of image intensifier night vision. Total darkness, camouflage or bright lights will not affect the sensitivity of these units.

The included and optional accessories provide for the versatility of the monocular. You can put it on a headset or on a helmet, it can be connected to another monocular to build a binocular system etc.

The ATN OTS-14's superior performance, compact size, comfort of wear and cost efficiency make it the perfect thermal imaging device.

- High resolution digital thermal imaging
- Compact, lightweight and durable housing
- Head/helmet mountable for hands-free use
- Video and computer output
- Black/white and color modes
- LCD Recorder (optional)
- Waterproof
- One-Year Warranty



- OTS-14
- Hard Storage Case
- Soft Carry Case
- Head Gear
- RCA Video/power adapter
- 2 x 3V CR123A type battery
- Manual

OTS14 BASIC KIT



HAND HELD MONOCULAR



HEAD MOUNT ASSEMBLY



WITH LCD RECORDER



BINOCULAR

SPECIFICATIONS

Magnification	1.8X
Objective Focal Length	25 mm
FOV	11° x 8°
Focus Range	from 1m to infinity
Focus Adjustment	Manual
Exit Pupil	14mm
Eye Relief	25mm
Detector Type	Uncooled Microbolometer
Spectral Response	7-14 μm
Pixels	160 x 120
Pixel Size	30 x 30 μm
Angular Resolution, mrad	1.2
Thermal Sensitivity	< 0,1°C
Range to Detect a Human	475 m
Output Format	Analog PAL / NTSC
Display	Color OLED matrix
Display Format	SVGA, 852 x 600 pxl
Digital ZOOM	Fixed 2x (optional 5x)
Brightness Adjustment	Manual
Contrast Adjustment	Automatic
Available User Interfaces	From outside PC through USB interface
Power Supply	2 x 3 V CR123A type battery
Start-Up Time	< 3 sec
Operating Time w/one battery pack	4 hrs
External Power Supply	DC 6V, 500 mA
Operating Temperature Range	from -20°C to +50°C
Waterproof	Yes, up to 10m submersion
Dimensions	118 x 81 x 52 mm
Weight (w/batteries)	0.34 kg

Export Warning: These products are subject to one or more of the export control laws and regulations of the U.S. Government. Pending the model these products are under the control jurisdiction of either the US Department of State or the US Bureau of Industry and Security US Department of Commerce. Export without proper licensing or consent is strictly prohibited.

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