



## THERMAL IMAGING MONOCULAR

## OTS10 COLOR-9Hz

The OTS10-9Hz sets the standard for affordable, small, lightweight thermal imaging cameras. It is pocket-sized, rugged and durable.

It is built around state-of-the-art uncooled thermal imaging technology. It offers superior performance, compact size, comfort of wear and cost efficiency which makes it the perfect thermal imaging device.

The ATN OTS10-9Hz is ideal for home security, public safety, first responder and security operations.

### BENEFITS AND FEATURES:

- High resolution digital thermal imaging
- Compact, light weight and durable housing
- High Quality optics
- Video output
- Two Image/Video modes (Black/White and Color)
- Adjustable display brightness
- Adjustable eyepiece diopter
- Adjustable lens focus
- Digital zoom
- Power input capability
- Waterproof
- One-Year Warranty



### USAGES:

- Law Enforcement
- Home Security
- Boating
- Public Utilities
- Construction
- Search and Rescue



OTS10  
BASIC KIT



VIDEO  
OUTPUT

### SPECIFICATIONS

Video Frame Rate	9Hz
Magnification	1.2X
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	OLED matrix
Display Format	SVGA, 852 x 600 pxl
Color	Color/Monochrome
Digital ZOOM	2x
Brightness Adjustment	Manual
Contrast Adjustment	Automatic
Power Supply	2 x 3V, 123Atype
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 46 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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