



## THERMAL MULTI-PURPOSE SYSTEM

## OTIS17

The OTIS17 is a compact multi-purpose thermal imaging system.

This OTIS17 is built around state of the art uncooled thermal imaging technology, highly integrated DSP-based electronics and a compact, light weight system. The OTIS17 provides excellent image quality through total darkness, fog, smoke and most visual obscurants. 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, used as rifle scope with a weapon mounting, etc.

The OTIS17 is an ideal product for Border Patrol Officers, Sport Shooting Enthusiasts, Private Protection, Police SWAT and Special Operations.

- | High resolution digital thermal imaging
- | Compact, lightweight and durable housing
- | Head/helmet mountable for hands-free use
- | Weapon mountable
- | Video and computer output
- | Video/Image polarity selection
- | Waterproof
- | One-Year Warranty

### Basic Kit:

- | OTIS-17
- | Hard Storage Case
- | Soft Carry Case
- | Weapon mount
- | RCA Video/power adapter
- | Batteries
- | Manual

### Accessories:

- | Head mount
- | Universal Helmet Mount Kit
- | MICH Helmet Mount Kit
- | PAGST Helmet Mount Kit
- | 2x lens for OTIS
- | Dual Bridge



**OTIS17  
ON THE WEAPON**



**HAND HELD  
MONOCULAR**



**HEAD MOUNT  
ASSEMBLY**



**OTIS-17  
WITH 2X LENS**

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.

1341 San Mateo Ave,  
South San Francisco, CA 94080.

[www.atncorp.com](http://www.atncorp.com)  
e-mail: [sales@atncorp.com](mailto:sales@atncorp.com), [info@atncorp.com](mailto:info@atncorp.com)

Tel: 800-910-2862, 650-989-5100,  
fax: 650-875-0129



### FLIP-UP HELMET MOUNT

Flip-Up helmet mount. Fits most standard helmets. Mount kits for MICH and PAGST helmet also presents.



### DUAL BRIDGE

Two units connected to each other through a Dual Bridge provide for a compact dual channel binocular. Also allows the ATN OTIS-17 to be attached in a binocular configuration to the head- or helmet mount.



### WEAPON MOUNT

The OTIS-17 mount based on ELCAN mounting assemblies and attach directly to MIL-STD-1913 rails or receivers.



### RCA Video/power Adapter

RCA Video/power adapter used for video transmission and to connect external power sources.

## 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 $\mu$ m
Pixels	160 x 120
Pixel Size	30 x 30 $\mu$ m
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	Monochrome
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 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 10 m submersion
Dimensions	195x81x105 mm (w/ weapon mount) 118x81x52 mm (w/o weapon mount)
Weight (w/batteries)	0.74 kg (w/ weapon mount) 0.34 kg (w/o weapon mount)

