



## THERMAL IMAGING VIEWER

## OTS-X-S650

The OTS-X is the latest in our successful OTS thermal imager system line. The OTS-X series is designed to be a versatile, compact, lightweight yet rugged thermal viewer that can be easily carried in a cargo pocket for Law enforcement and Sportsmen alike.

The OTS-X is one of the most affordable thermal viewers on the market that includes a full 640 x 512. One of the most unique features is the ability to interchange the objective lens so you can have multiple magnifications based on your need or mission.

Available in either 640 x 512 resolution with 3 different interchangeable lens types to choose from the OTS-X series is one of the most versatile viewers on the market.

### Features:

- Resolution 640 x 512
- Ergonomic Design
- Standard Imaging (9 Hz)
- Compact Rugged Construction
- Interchangeable Optics
- Variable Geometry Display
- E-Zoom
- Digital Brightness Control
- Icon Based Menu System
- Color Modes
- Black/White Polarity
- VOx Vanadium Oxide Detector
- 800x600 Display
- Video Output
- Made in USA
- 3 Year Warranty



OTS-X-S650 Basic Kit



14 mm Lens (Optional)



30 mm Lens (Optional)



70 mm Lens (Optional)

### SPECIFICATIONS

Sensor (microbolometer)	640 x 512 px
Type	Uncooled
Material	Vanadium oxide (VOx)
Image Size (output resolution)	800x600 px
Frame rate	9 Hz
Video output	Analog RS-170
Lens	50 mm
Display	Color OLED matrix, SVGA< 800x600
Thermal Sensitivity	<50mK
Spectral Response	7-14 $\mu$ m
Field of View	14°
Eye Relief	27 mm
Diopter Adjustment	-1.5
Optical Magnification	2.5X
E-Zoom	5X, 10X, 20X
Human Detection	1300 m
Human Recognition	500 m
Human Identification	320 m
Vehicle Detection	2800 m
Vehicle Recognition	1100 m
Vehicle Identification	700 m
Polarity control	White hot / Black hot / Multiple Color Modes
Start up time	<4 s
Battery type	1 x CR123A battery type
Battery Life	2+ hrs
Weight	1.4 lb / 640 g
Dimensions	165 x 61 x 83 mm / 6.5 x 2.4 x 3.3"
Warranty	3 year

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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