



## THERMAL IMAGING VIEWER

## OTS-X-E350

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 336 x 256. 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 336 x 256 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 336 x 256
- Ergonomic Design
- Enhanced Imaging (60 Hz)
- Compact Rugged Construction
- Interchangeable Optics
- 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-E350 Basic Kit



14 mm Lens (Optional)



30 mm Lens (Optional)



70 mm Lens (Optional)

### SPECIFICATIONS

|                                |  |
|--------------------------------|--|
| Sensor (microbolometer)        | 336 x 256 px                                 |
| Type                           | Uncooled                                     |
| Material                       | Vanadium oxide (VOx)                         |
| Image Size (output resolution) | 800x600 px                                   |
| Frame rate                     | 60 Hz  |
| Video output                   | Analog RS-170                                |
| Lens                           | 50 mm  |
| Display                        | Color OLED matrix, SVGA< 800x600             |
| Thermal Sensitivity            | <50mK  |
| Spectral Response              | 7-14 μm                                      |
| Field of View                  | 7°   |
| Eye Relief                     | 27 mm  |
| Diopter Adjustment             | -1.5   |
| Optical Magnification          | 4X   |
| E-Zoom                         | 8X, 16X                                      |
| 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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