

OE-TB

Thermal Binocular Family

Key Features:

- ❖ **High Performance FPA 384x288 25µm or 640x480, 17µm**
- ❖ **High Refresh Rate: up to 60 Hz**
- ❖ **High Resolution 852x600 OLED display**
- ❖ **High Quality, Fast Optical Lenses**
- ❖ **Convenient Binocular Eyepiece**
- ❖ **Shutterless and Soundless**
- ❖ **Manual/Automatic Gain Control**
- ❖ **Manual Brightness Control**
- ❖ **Low Power Consumption**
- ❖ **Light Weight**
- ❖ **Video Out**



Product Description:

The OE-TB, Thermal Imaging Binoculars, enables law enforcement and military personnel to see heat signatures of objects, people, and other sources. OE-TB detects extremely small differences in temperature, so that officers can distinguish people from their immediate surroundings. Needing no light to operate, the OE-TB generates high-quality images 24 hours, during the day or at night, even through smoke and fog. Compare that to conventional night vision equipment, which requires light or special illuminators and is incapacitated by smoke, fog, and often other particulates. While darkness and camouflage can defeat night vision, suspects cannot hide from OE-TB. Their own body heat gives them away. The OE-TB thermal imager is a powerful tool for tactical, surveillance and scene assessment applications. Its small size, light weight and ability to be weapon mounted make the OE-TB simple and yet, very effective in field conditions.



Specifications:

Model	OE-TB-25	OE-TB-50	OE-TB-50	OE-TB-75	OE-TB-75	OE-TB-75	OE-TB-100	OE-TB-150
Lens Number	25 mm	50 mm	50 mm	75 mm	75 mm	75 mm	100 mm	150 mm
F. Number	1.0	1.0	1.0	1.3	1.0	1.0	1.0	1.0
FPA Format	384X288	384X288	640X480, 17 μm	384X288	384X288	640X480, 17 μm	640X480, 17 μm	640X480, 17 μm
Refresh Rate	50 Hz	50 Hz	30 Hz	50 Hz	50 Hz	30 Hz	30 Hz	30 Hz
Thermal Sensitivity	60 mK							
Magnification Optical	1X	2X	2X	3X	3X	3X	4.5X	7X
Magn. Total w/Zoom	2X-4X	4X-8X	4X-8X	6X-12X	6X-12X	6X-12X	9X-12X	14X-28X
Diopter Adj.	+2/-6							
Detection of Human (m.)	~500 m	~900 m	~1500 m	~1200 m	~1400 m	~2200 m	~3000 m	~4000 m
Detection of Idling Car (M.)	~900 m	~1500 m	~2500 m	~2000 m	~2300m	~3000 m	~4000 m	~5000 m
Tripod Mountable	Yes							
Dimensions (mm.)	155X145 X70	200X140 X84	200X140 X84	234X140 X84	234X140 X84	234X140 X84	290X145X 120	350X170X 170
Weight (g.)	520	800	800	900	900	900	1.2 Kg	2.5 Kg