

OE-TM

Versatile Thermal Monoculars



KEY FEATURES:

- / ERGONOMIC, USER-FRIENDLY KEYPAD**
- / LIGHT-WEIGHT AND COMPACT**
- / BUILT-IN LASER FOR TARGET DESIGNATION**
- / COMFORTABLE EYEPIECE WITH LONG EYERELIEF**
- / AMOLED DISPLAY**
- / RUGGED HOUSING**
- / MULTI-USE MIL-STD-1913 SIDE MOUNTING BRACKET**
- / OPTIONAL: BUILT-IN MICRO SD CARD**

The OE-TM, Multi Purpose Thermal Monocular, a rugged, lightweight, Made for military and law enforcement use, the monocular enables user to see heat signatures of objects, people, and other sources.

OE-TM detects extremely small differences in temperature, so that officers can distinguish people from their immediate surroundings.

Needing no light to operate, the OE-TM 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-TM. Their own body heat gives them away. The OE-TM thermal imager is a powerful tool for tactical, surveillance and scene assessment applications.

The OE-TM can be mounted on head with head or helmet adaptor and on weapon. The OE-TM can be provided with wide deferent objective lens from 25mm to 100mm.

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SPECIFICATIONS

MODEL	OE-TM-25	OE-TM-50	OE-TM-75	OE-TM-100
SPECTRAL RESPONSE	8-12 μm	8-12 μm	8-12 μm	8-12 μm
F.P.A FORMAT	384X288 640X480	384X288 640X480	384X288 640X480	384X288 640X480
PIXEL SIZE	17 μm	17 μm	17 μm	17 μm
THERMAL SENSITIVITY	<60 Mk <50 Mk	<60 Mk <50 Mk	<60 Mk <50 Mk	<50 Mk
REFRESH RATE	50 Hz	50 Hz	50 Hz	50 Hz
LENS SIZE	25 mm, F/1.0	50 mm, F/1.0	75 mm, F/1.3	100 mm, F/1.3
OPTICAL MAGNIFICATION	1.5X 1X	3X 2X	4.5X 3X	6X 4X
F.O.V. DEG.	14.9°X11.2° 24.5°X18.5°	7.5°X5.6° 12.4°X9.3°	5.0°X3.7° 8.3°X6.2°	3.7°X2.8° 6.2°X4.7°
TOTAL MAGNIFICATION W/DIG. ZOOM	1X, 2X, 4X	1X, 2X, 4X	1X, 2X, 4X	1X, 2X, 4X
DIOPTER ADJUSTMENT	-6 TO +4	-6 TO +4	-6 TO +4	-6 TO +4
AMOLED DISPLAY	800X600	800X600	800X600	800X600
HUMAN DETECTION RANGE	830 M	1660 M	2500 M	3330 M
VEHICLE DETECTION RANGE	1130 M	2250 M	3380 M	4500 M
WEIGHT	365 GR	475 GR	525 GR	750 GR
DIMENSIONS, MM	140X60X59	172X60X60	193X66X66	230X85X85
POWER	2XCR 123 (LI./RECHARGEABLE)	2XCR 123 (LI./RECHARGEABLE)	2XCR 123 (LI./RECHARGEABLE)	2XCR 123 (LI./RECHARGEABLE)
OPERATIONAL TIME	UP TO 7 HOURS	UP TO 7 HOURS	UP TO 7 HOURS	UP TO 7 HOURS