



EOS-JT-H-IR Series Thermal Monocular

- **Uncooled VOx sensor:** The uncooled VOx sensor ensures reliable, high-quality thermal imaging, even in harsh environmental conditions.
- **IP67 waterproof rating:** With an IP67 waterproof rating, the monocular can withstand harsh outdoor conditions, making it suitable for use in damp or dusty environments.
- **35mm/F1.0 lens:** The 35mm/F1.0 lens offers excellent light transmission, enhancing image clarity and detail in low-light conditions.
- **18650 battery type:** The use of a standard 18650 battery ensures easy replacement and long-lasting power, providing up to 5 hours of continuous use.





EOS-JT-H-IR Series Thermal Monocular

Model	JT 25/38L	JT 35/38L	JT 35/64L
Sensor			
Type	Uncooled VOx		
Resolution	384x288 px	384×288 px	640x512 px
Pixel pitch	12µm		
NETD	< 20 mk		
Frame rate	50 Hz		
Optics			
Lens	25mm/F1.0	35mm/F1.0	35mm/F1.0
Digital zoom	1–8x		
Eye relief	26mm		
Dioptr adjustment	±5 dptr		
Display type	OLED		
Display resolution	1024x768 pixels		
Colour palettes	Warm Red / Warm White / Warm Black / Iron Red / Rainbow / Highlight / Outline		
Picture-in-picture	Support		
LRF			
Laser safety class	IEC 60825-1 CLASS 3R		
Wavelength	905 nm		
Maximum measurement range	2000 m		
Measurement accuracy	≤1000Y: ±1Y		
	> 1000Y: ±0.2%		
ELECTRONICS			
Wireless connectivity	Video and images via the app		
On-board recording	Video and images		
MIC	Support		
Compass and gyroscope	Support		
On-board storage	32GB		
Data connector	USB-C		
External power supply	5V, 9V, (USB-C)		
Battery type	18650		
Battery life	5 hours		
PHYSICAL			
Dimensions	155 x 82 x 42.3 mm	161 x 82 x 45 mm	161 x 82 x 45 mm
ENVIRONMENT/WARRANTY			
Water resistance	IP67		
Operating temperature	-20°C–50°C		



EOS-JT-H-IR Series Thermal Monocular

THERMAL IMAGING MONOCULAR



Range
2000Y

NETD

< 20mk



Thermal
Sensor



Wi-Fi



Frame Rate



5H +



EOS-JT-H-IR Series Thermal Monocular

MAXIMUM RANGE

Target Distance: 192.6 Yard
Elevation Angle: 6.85°



5-2000 Y

Accuracy of ± 1 Y



All details in hands

TMO



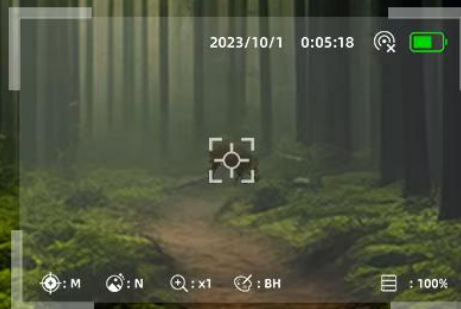
Normal



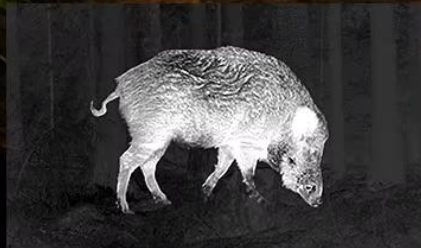
Ultra

PALETTE

Highlight



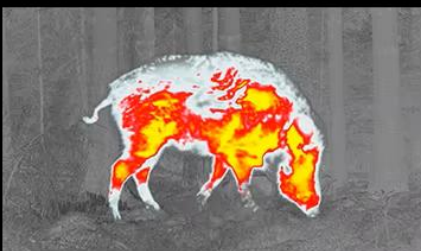
Black Hot



White Hot



Outline



Red Hot



Iron Red



Rainbow



USER-DEFINED KEYS

For quick switching



	Allow Shortcuts	
	Up	Palette
	Up (Hold)	Take Video
	Down	Take Picture
	Down (Hold)	Zoom
	Menu	None



Compact and easy to grasp

**ERGONOMIC
DESIGN**







Specifications

Model	JT 25/38L	JT 35/38L	JT 35/64L
Sensor			
Type	Uncooled VOx		
Resolution	384x288 px	384x288 px	640x512 px
Pixel Pitch	12 μm		
NETD	< 20 mk		
Frame Rate	50 Hz		
Optics			
Objective Lens	25mm, F1.0	35mm, F1.0	35 mm, F1.0
Digital Zoom	1-8x		
Eye Relief	26 mm		
Diopter Adjustment	± 5 dptr		
Display Type	OLED		
Display Resolution	1024x768 px		
Palettes	Red-hot / White-hot / Black-hot / Iron Red Rainbow / Outline / Highlight		
Picture-in-Picture	Support		
LRF			
Safety Class For Laser	IEC60825-1 CLASS 3R		
Wavelength	905 nm		
Max Measuring Range	2000 Y		
Measurement Accuracy	≤ 1000 Y: ±1 Y > 1000 Y: ±0.2 %		
Electronics			
Wireless Connectivity	Video and Image via App		
Onboard Recording	Video and Image		
MIC	Support		
Compass & Gyroscope	Support		
Onboard Storage	32 GB		
Data Connector	USB-C		
External Power Supply	5V,9V (USB-C)		
Battery Type	18650		
Battery Life	5h		
Physical			
Size	155x82x42.3 mm	161x82x45 mm	161x82x45 mm
Weight	380g	390g	390g
Environmental / Warranty			
Waterproofing	IP67		
Operating Temperature	-20 °C ~ 50 °C		