

SPECIFICATIONS

Detector Type	12 μ m VOx Uncooled Focal Plane Arrays
Resolution	256 x 192
Refresh Rate	Sensor 25 Hz / OLED 50 Hz
Response Waveband	8 μ m to 14 μ m
Lens System	19 mm, F1.0
Field of View (HxV)	9.2° x 6.9°
Magnification	1x
Exit Pupil	22 mm
Observation Distance	950 m
Monitor	1024x768, 0.39 inch, OLED
Uniformity Correction (Flat Field Correction)	Auto, Manual, External Correction
Palettes	Black Hot, White Hot, Red Hot, Fusion
Highest Temperature Spot Tracking	Yes
Scene Mode	Jungle, Recognition
Distance Measurement	Yes (Stadiometric Rangefinder)
Highest Temperature Spot Tracking	Yes
Standby Mode	Yes
Built-in Storage	16 GB EMMC
Record Video	On-board video recording
Capture Snapshot	Yes
CVBS Output	Yes (via USB)
Battery Type	Two CR123A (3V) Lithium or two RCR123 (up to 4.2V) Rechargeable Batteries
Battery Operating Time	Up to 4.5 hours continuous running (@25°C, WiFi off) Up to 4.0 hours continuous running (@25°C, WiFi on)
Battery Capacity Display	Yes
Power	5 VDC/2 A, USB Type-C interface Supports external power supply
Working Temperature	-20°C to 55°C (-4°F to 131°F)
Protection Level	IP67
Shock and Vibration	750 g/ms
Mounting	Optional Front Quick Release Adapters for different front lens diameter or Quick Release Mount for Picatinny/Weaver rail
Dimension	153 mm x 62 mm x 59 mm (6.0 x 2.4 x 2.3 in)
Weight (w/o batteries)	0.41 kg (0.92 lb)

Specifications are subject to change without notice.



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