

C4 Series

Thermal Scope Camera



- 384×288, 12μm industry-leading uncooled Vox sensor.
- High sensitivity, NETD < 30mK.
- 1440×1080 high resolution OLED display.
- Supports video recorder and capture snapshot.
- Built-in 16GB storage.
- Ultra-low power consumption.
- IP67 protection grade.

The appearance and parameters are for reference only and may be modified without notice.

Technical Specification

Thermal

Detector Type	Vanadium oxide uncooled focal plane detector	
Effective Pixels	384 × 288	
Pixel Pitch	12 μm	
Spectral Range	8 μm–14 μm	
Sensitivity (NETD)	< 30 mK@f/1.0	
Focal Length	25 mm; 35 mm; 50 mm	
Frame Rate	50 Hz	
Aperture	F1.0	
Focus Control	Manual	
Field of view	25 mm	H: 11.0°, V: 8.2°
	35 mm	H: 7.8°, V: 5.9°
	50 mm	H: 5.5°, V: 4.1°
Detection Range	25 mm	1300 m
	35 mm	1800 m
	50 mm	2600 m
Magnification	25 mm	2.1x
	35 mm	2.95x
	50 mm	4.2x

Display

Screen	0.41 inch OLED, 1440 × 1080
Diopter Adjust	-4 to +5D
Color Palettes	6 (white hot/black hot/iron red/alarm/emerald/amber)
Eye Relief	44 mm
Video Compression	MP4

Function

Digital Zoom	1-8X
Reticle	Multiple Patterns & Color Options
Zeroing	Yes
Video Recorder	Yes
Snapshot	Yes
WiFi Hotspot	Yes
Cold/Hot Spot Track	Yes
Distance Measurement	Yes
FFC	Yes
Standby Mode	Yes
PIP	Yes
RAR (Recoil Activated Recorder)	Yes
MIC	Yes
Storage	Built-in 16 GB

Power

Battery type	Replaceable and rechargeable 18650 battery
Battery Life	7.5h
Power Supply	5 VDC/1 A, USB Type-C

General

Operating Temperature	-30 °C to +55 °C (-22 °F to +131 °F)
Operating Humidity	≤95%
Max. Recoil	1,000 g/1 ms
Protection Grade	IP67
Dimension	25/35 mm: 180.8 mm × 64.1 mm × 87.7 mm (L×W×H) 50 mm: 190.8 mm × 64.1 mm × 87.7 mm (L × W × H)
Weight	25/35 mm: < 460g 50 mm: < 520g