THUNDER TH35C
Thermal Monocular





HIKMICRO THUNDER TH35C Thermal Monocular has 384 × 288 thermal detector and 748 × 561 OLED monitor, which provides clear image under harsh environment conditions like darkness, fog, smoke, dust, rain, snow, wood, camouflage, etc. The scope is mainly applied to scenarios such as patrolling, law enforcement and hunting, etc.

Key Features

- 384 × 288 thermal resolution, high sensitivity detector, NETD less than 35 mK (25 °C,F# = 1.0)
- Image processing technology: Adaptive AGC, DDE, 3D DNR
- 748 × 561 resolution 0.39-inch OLED display
- Supports distance measurement, and hotspot function
- Supports video recording and snapshot, built-in EMMC (16 GB)
- Up to 4.5 hours continuous working

Specification

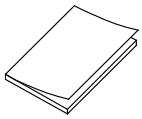
Thermal Module	
Image Sensor	Uncooled Focal Plane Arrays
Pixel Interval	17 μm
Max. Resolution	384 × 288
Response Waveband	8 μm to 14 μm
NETD	less than 35 mK (25 °C,F# = 1.0)
Lens (Focal Length)	35 mm
IFOV	0.49 mrad
Field of View	10.0° × 8°
F Number	F1.0
Frame Rate	50 Hz
Magnification	1 ×
Image Display	
Display	0.39-inch, OLED, 748 × 561
Palettes	Black hot, white hot, red hot, fusion
Exit Pupil	22 mm
Eye Relief	10 mm
Observation Distance	Max. 1235 m
Contrast Adjustment	Yes
Brightness Adjustment	Yes
System	
Hotspot	Yes
Distance Measurement	Yes
Scene Mode	Jungle, Recognition
Standby mode	Yes
Video Recording	Yes
Picture Snapshot	Yes
DPC	Yes
Uniformity Correction	Auto, Manual, External Correction
Build-in Memory	16 GB
Build-in Capacity	550 000 pictures
Power Supply	
Battery	Replaceable Applicable type: CR123A, RCR123A
Battery Operating Time	4.5 h (25 °C, with hotspot off) 4 h (25 °C, with hotspot on)
Anti-reverse battery connection	Yes
Overvoltage Protection	Yes
Battery Capacity Display	Yes

Type-C Power Supply	5 VDC, 2 A Supports external power supply
General	
Port	Type-C
Working Temperature	-20 °C to 55 °C (-4 °F to 131°F)
Protection Level	IPX7
Shock Absorption Design	Yes
Vibration & Shock	750 g/1 ms
Dimension (L × W × H)	153.2 mm × 62.5 mm × 59.2 mm (6.03" × 2.46" × 2.33")
Weight	0.42 kg (0.93 lb) without eyepiece and batteries

Available Model

HM-THUNDER TH35C

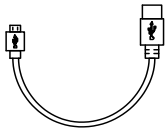
Accessory



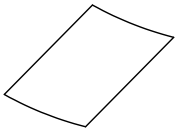
Quick Start Guide (×1)



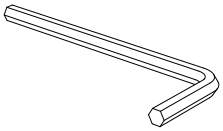
Battery CR123A (×2)



Type-C Cable (×1)



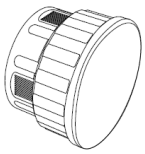
Dust-free Cloth (×1)



Wrench (×1)



Bag (×1)

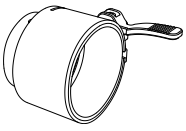


Clip on Eyepiece (×1)



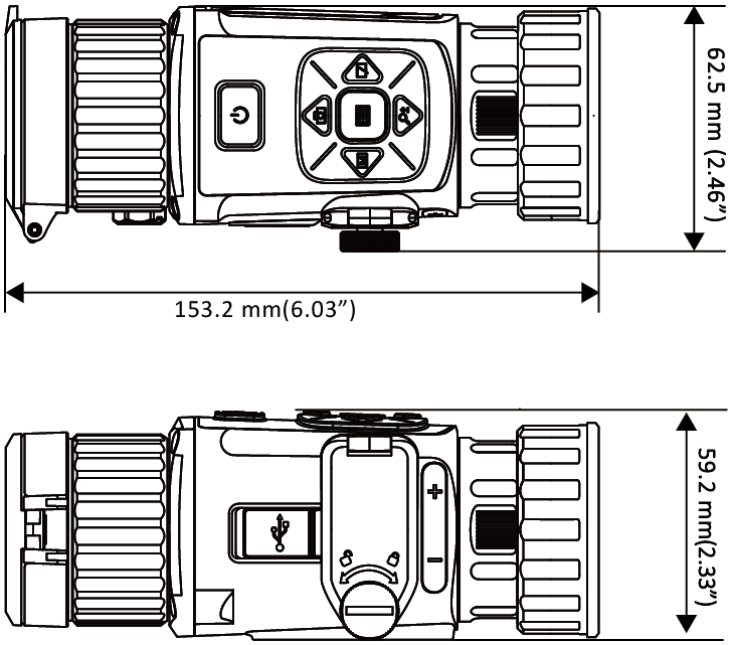
Tightening Plate (×1)

Optional



Adapter (×1)

Dimension



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