

HM-TR13-35XF/CW-TH35C Thermal Image Scope













HikMicro HM-TR13-35XF/CW-TH35C Thermal Image Scope 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, 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)
- Supports digital zoom and cursor function, palettes of color adjustable
- Up to 4.5 hours continuous working



Specification

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 F1.0 F Number F1.0 Frame Rate 50 Hz Magnification 1X Image Display Magnification Monitor 0.39-inch, OLED, 748 × 561 Palettes Black hot, white hot, red hot, fusion Exit Pupil 22 mm Eye Rellef 10 mm Observation Distance Max. 1235 m Contrast Adjustment Yes Brightness Adjustment Yes System Ves Distance Measurement Yes Scene Mode Jungle, Recognition Standty mode Yes Video Recording Yes DPC Yes Uniformity Correction Auto, Manual, External Correction <tr< th=""><th>Thermal Module</th><th></th></tr<>	Thermal Module	
Max. Resolution 38.4 × 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 1x Image Display Monitor 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 Yes Upigtal Zoom 1x, 2x, 4x, 8x Cursor Yes Hotspot Yes Uses Recording Yes Usene Measurement Yes Standby mode Yes Video Recording Yes Picture Snapshot Yes Uniformity Correction Auto, Manual, External Correction	Image Sensor	Uncooled Focal Plane Arrays
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Brightness Adjustment Yes System Digital Zoom 1X, 2X, 4X, 8X Cursor Yes Hotspot Yes Distance Measurement Yes Scene Mode Jungle, Recognition Standby mode Yes Video Recording Yes Picture Snapshot Yes DPC Yes PIP Yes Uniformity Correction Auto, Manual, External Correction Storage Built-in EMMC (16 GB) 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)	Observation Distance	Max. 1235 m
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Digital Zoom 1X, 2X, 4X, 8X Cursor Yes Hotspot Yes Distance Measurement Yes Scene Mode Jungle, Recognition Standby mode Yes Video Recording Yes Picture Snapshot Yes PIP Yes Uniformity Correction Auto, Manual, External Correction Storage Built-in EMMC (16 GB) Power Supply Replaceable Applicable type: CR123A, RCR123A Battery Operating Time Average Average Applicable type: CR123A, RCR123A 4 (25 °C, with hotspot on)	Brightness Adjustment	Yes
Cursor Yes Hotspot Yes Distance Measurement Yes Scene Mode Jungle, Recognition Standby mode Yes Video Recording Yes Picture Snapshot Yes DPC Yes PIP Yes Uniformity Correction Auto, Manual, External Correction Storage Built-in EMMC (16 GB) Power Supply Replaceable Applicable type: CR123A, RCR123A Battery Operating Time Yes Ves Prover Supply Replaceable Applicable type: CR123A, RCR123A A.5 h (25 °C, with hotspot on)	System	
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Distance Measurement Scene Mode Jungle, Recognition Standby mode Yes Video Recording Yes Picture Snapshot Yes DPC Yes PIP Yes Uniformity Correction Storage Built-in EMMC (16 GB) Power Supply Replaceable Applicable type: CR123A, RCR123A Battery Operating Time Au (25 °C, with hotspot on)	Cursor	Yes
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Replaceable Applicable type: CR123A, RCR123A Battery Operating Time Replaceable Applicable type: CR123A, RCR123A 4.5 h (25 °C, with hotspot off) 4 h (25 °C, with hotspot on)	Storage	Built-in EMMC (16 GB)
Battery Applicable type: CR123A, RCR123A 4.5 h (25 °C, with hotspot off) 4 h (25 °C, with hotspot on)	Power Supply	
Battery Operating Time 4 h (25 °C, with hotspot on)	Battery	
Anti-reverse battery connection Yes	Battery Operating Time	
	Anti-reverse battery connection	Yes

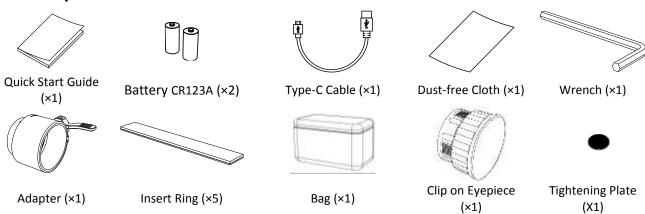


Overvoltage Protection	Yes
Battery Capacity Display	Yes
Type-C Power Supply	5 VDC, 2 A
	Supports external power supply
General	
Port	Type-C
Working Temperature	-20 °C to 55 °C (-4 °F to 131°F)
Protection Level	IPX7
Shock Absorption Design	Yes
Vibration & Shock	750 g/1 ms
Transfer Ring Type	50-59 mm
Dimension (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

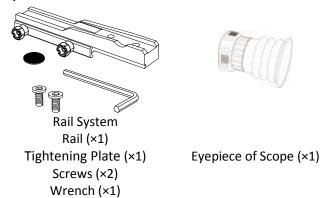
Available Model

HM-TR13-35XF/CW-TH35C

Accessory



Optional





Dimension

