

THUNDER Pro TE25 Thermal Image Scope



HIKMICRO THUNDER Pro TE25 Thermal Image Scope has 256×192 thermal detector and 1024×768 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

- 256 × 192 thermal resolution, high sensitivity detector, NETD < 35 mK (25°C,F# = 1.0)
- Image processing technology: Adaptive AGC, DDE, 3D DNR
- 1024 × 768 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 5 hours continuous working



Specification

Max. Resolution 256 × 192 Frame Rate 25 Hz Pixel Interval 12 μm Response Waveband 8 μm to 14 μm NETD < 35 mK (@ 25°C), F# = 1.0 Lens (Focal Length) 25 mm Detection Range 1200 m IFOV 0.48 mrad Field of View 7.03° × 5.39° Min. Focusing Distance 0.5 m Aperture F1.0 Magnification 3.25 to 26 (x8 zoom) Image Display 1024 × 768, 0.39 inch, OLED Palettes Black hot, white hot, red hot, fusion Exit Pupil 6 mm Eye Relief 45 mm Diopter (Range) -50 to +3D System 8 Record Video On-board video recording Capture Snapshot Yes Standby Mode Yes Uniformity Correction Auto, Manual, External Correction Storage Built-in EMMC (16 GB) PIP Yes Hotspot Yes Uigital Zoom 1X, 2X, 4X, 8X	Thermal Module	
Frame Rate 25 Hz Pixel Interval 12 μm Response Waveband 8 μm to 14 μm NETD < 35 mK (@ 25°C),F# = 1.0 Lens (Focal Length) 25 mm Detection Range 1200 m IFOV 0.48 mrad Field of View 7.03° × 5.39° Min. Focusing Distance 0.5 m Aperture F1.0 Magnification 3.25 to 26 (x8 zoom) Image Display 1024 × 768, 0.39 inch, OLED Palettes Black hot, white hot, red hot, fusion Exit Pupil 6 mm Eye Relief 45 mm Diopter (Range) -5 D to +3D System Secord Video Carpture Snapshot Yes Standby Mode Yes Uniformity Correction Auto, Manual, External Correction Storage Built-in EMMC (16 GB) PIP Yes DPC Yes Digital Zoom 1X, 2X, 4X, 8X Hot Track Yes Distance Measurement Yes	Image Sensor	VOx Uncooled Focal Plane Arrays
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NETD Same	Pixel Interval	12 μm
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Record Video On-board video recording Capture Snapshot Yes Standby Mode Yes Uniformity Correction Auto, Manual, External Correction Storage Built-in EMMC (16 GB) PIP Yes DPC Yes Hotspot Yes Digital Zoom 1x, 2x, 4x, 8x Hot Track Yes Reticle Yes Distance Measurement Yes Power Supply Replaceable Applicable type: CR123A, RCR123A Battery Operating Time 5 h Battery Capacity Display Yes On-board video recording Auto, Manual, External Correction Yes Post	Diopter (Range)	-5D to +3D
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Power Supply Battery Type Replaceable Applicable type: CR123A, RCR123A Battery Operating Time 5 h Battery Capacity Display Yes	Reticle	Yes
Battery Type Replaceable Applicable type: CR123A, RCR123A Battery Operating Time 5 h Battery Capacity Display Yes	Distance Measurement	Yes
Battery Type Applicable type: CR123A, RCR123A Battery Operating Time 5 h Battery Capacity Display Yes	Power Supply	
Battery Capacity Display Yes	Battery Type	
Battery Capacity Display Yes	Battery Operating Time	
	Battery Capacity Display	
Anti-reverse Battery Connection Yes	Anti-reverse Battery Connection	Yes
·	Overvoltage Protection	
-	Type-C Power Supply	

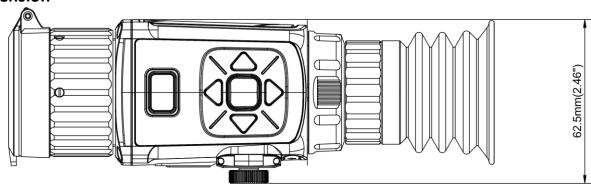


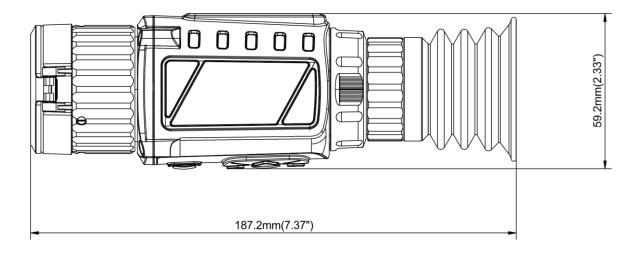
General	
Work Temperature/Humidity	-20°C to 55°C (-4°F to 131°F)
Protection Level	IP67
Vibration & Shock	750 g/1 ms
Dimension	187.2 mm × 62.5 mm × 59.2 mm
Weight	415 g without eyepiece and batteries
Port	Type-C

Available Model

HM-TR12-25XG/W-TE25

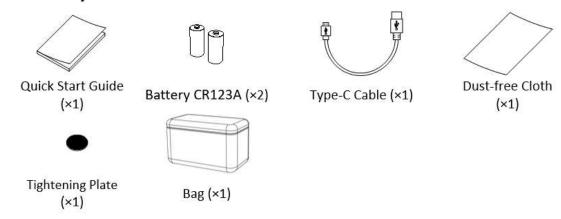
Dimension



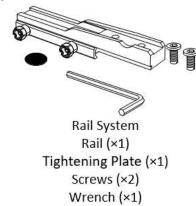




Accessory



Optional



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