



HiLook THC-T123-M

· Specification summary



Device class	2 MP EXIR Turret Camera
Image sensor	2 MP CMOS image sensor as listed.
Resolution reference	1920 × 1080 pixels, horizontal × vertical; match the selected output to the recorder.
Minimum illumination	0.005 lux at F2.0 with AGC on; 0 lux only with IR illumination.
Shutter time	PAL: 1/25 to 1/50,000 s; NTSC: 1/30 to 1/50,000 s.
Day/night filter	IR cut filter as listed.
Signal system	PAL / NTSC as listed; confirm the selected system.
Slow shutter	Up to 16 times as listed; not a frame-rate multiplier.
Frame-rate reference	PAL: 1080p at 25 fps; NTSC: 1080p at 30 fps. This generic datasheet row is not a per-output TVI/AHD/CVI/CVBS performance matrix.
Day/night modes	Auto / Color / BW (Black and White) as listed; confirm scene settings.
Dynamic range	≥120 dB WDR in the specification table; the cover describes 120 dB true WDR.
Image enhancement	BLC / HLC as listed.
Noise reduction	3D DNR as listed.
White balance	Auto / Manual as listed.
Image settings	Brightness, mirror, sharpness and AGC as listed.
Image mode	STD / HIGH-SAT as listed; confirm the selected image mode.
Video output	One HD analogue output with switchable TVI / AHD / CVI / CVBS; not four simultaneous outputs or an IP stream.
Lens configurations	2.8 mm, 3.6 mm or 6 mm as listed. Confirm the supplied lens; lens mechanism is not established by this numeric row.
Horizontal field of view at 2.8 mm	For the 2.8 mm lens only: horizontal 106°. Vertical and diagonal angles are not established here.
Horizontal field of view at 3.6 mm	For the 3.6 mm lens only: horizontal 82°. Vertical and diagonal angles are not established here.
Horizontal field of view at 6 mm	For the 6 mm lens only: horizontal 51°. Vertical and diagonal angles are not established here.
Lens mount	M12 as listed; confirm the supplied lens.
Supplement light type	IR as listed; this does not establish a white-light illuminator.

IR distance	Up to 30 m as listed; scene and mounting affect usable images.
Smart supplement light	Yes as listed; confirm camera settings, not AI or PIR detection.
EXIR reference	EXIR 2.0 infrared technology is named on the cover; not a white-light or colour-night guarantee.
Angle adjustment	Pan 0–360°, tilt 0–75°, rotation 0–360°; physical adjustment, not motorised PTZ.
Power input	12 V DC $\pm$ 25%; one suitable adapter per camera is recommended, not assumed included.
Maximum consumption	4.6 W maximum camera consumption as listed.
Body material	Metal
Weight reference	235 g (0.52 lb) as listed; not a shipping-weight guarantee.
Operating conditions	-40 to 60 °C (-40 to 140 °F); humidity 90% or less, non-condensing.
Menu language	English as listed; confirm the supplied revision.
Ingress protection	IP66 as listed; confirm mounting and intended environment.
Optional junction box	HIA-J101 junction box is optional, not included as standard. Confirm supplied-unit fit and mounting combination.
Optional corner mount	HIA-B201 corner mount is optional, not included as standard. Confirm supplied-unit fit and mounting combination.
Optional vertical pole mount	HIA-B301 vertical pole mount is optional, not included as standard. Confirm supplied-unit fit and mounting combination.
Optional wall mount	HIA-B401-110T wall mount is optional, not included as standard. Confirm supplied-unit fit and mounting combination.
Type IV housing diagram	Clip plate, mounting base, trim ring, enclosure and main body are labelled in the Type IV diagram; confirm the supplied assembly.
Type IV output-switch guidance	Hold the switch button for 5 seconds to switch TVI / AHD / CVI / CVBS, as described for Type IV in this manual; confirm the actual unit and recorder.

Specifications are summarised from the manufacturer's published information (checked 2026-10-18). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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