



HiLook THC-T220-M

· Specification summary



Device class	2 MP EXIR Turret Camera
Image sensor	2 MP CMOS as listed.
Resolution reference	1920 × 1080 pixels, horizontal × vertical; confirm recorder and output mode.
Signal system	PAL / NTSC as listed; confirm the selected signal system.
Signal-system frame-rate reference	PAL: 1080p at 25 fps; NTSC: 1080p at 30 fps as listed. This is not a complete per-output frame-rate matrix.
Minimum illumination	0.01 lux at F1.2 with AGC on; 0 lux only with IR illumination.
Shutter time	1/25 (1/30) s to 1/50,000 s as printed; confirm the selected signal system.
Day and night reference	IR cut filter and Auto / Color / BW modes listed; confirm the scene settings.
Dynamic range	Digital WDR as listed; not a measured 120 dB true-WDR claim.
Noise reduction	DNR as listed; no 2D or 3D implementation is established here.
Image settings	Brightness, Sharpness, DNR, Mirror, Smart IR listed; confirm available settings.
Backlight reference	BLC support as listed; no HLC setting is established here.
Automatic gain control	High / Medium / Low / Off as listed.
Menu language	English as listed; confirm the supplied version.
Video output	One switchable TVI / AHD / CVI / CVBS analogue output; not four simultaneous outputs or an IP stream. Confirm recorder compatibility.
Fixed lens choices	2.8 / 3.6 / 6 mm fixed-focus configurations as listed; confirm the selected lens.
Field of view at 2.8 mm	For the 2.8 mm lens only: horizontal 103°
Field of view at 3.6 mm	For the 3.6 mm lens only: horizontal 80.7°
Field of view at 6 mm	For the 6 mm lens only: horizontal 50.1°
Lens mount	M12 as listed; confirm the supplied configuration.
IR distance	Up to 40 m as listed; scene and placement affect usable images.
Infrared reference	EXIR 2.0 / Smart IR listed; confirm installation and recorder settings.
Angle adjustment	Pan 0-360°, tilt 0-75°, rotation 0-360°; physical adjustment, not motorised PTZ.

Synchronisation	Internal synchronisation as listed.
Power input	12 V DC $\pm 15\%$; confirm a compatible supply.
Maximum consumption	4 W maximum camera consumption as listed.
Body material	Metal
Weight reference	450 g (0.99 lb) as listed; not a shipping-weight guarantee.
Operating conditions	-40 to 60 °C (-40 to 140 °F); humidity 90% or less, non-condensing.
Ingress protection	IP66 as listed; confirm mounting and intended environment.
Dimensions reference	Ø127.92 × 102.26 mm (Ø5.04 × 4.03 in) as listed; verify supplied-unit mounting clearance.
Listed wall mount	HIA-B402-130T wall mount is listed; package inclusion is not established. Confirm fit and supply.
Listed vertical pole mount	HIA-B301 vertical pole mount is listed; package inclusion is not established. Confirm fit and supply.
Listed corner mount	HIA-B201 corner mount is listed; package inclusion is not established. Confirm fit and supply.
Listed junction box	HIA-J103 junction box is listed; package inclusion is not established. Confirm fit and supply.
Listed inclined ceiling mount	HIA-J202 inclined ceiling mount is listed; package inclusion is not established. Confirm fit and supply.
Listed pendant mount	HIA-B101-130T pendant mount is listed; package inclusion is not established. Confirm fit and supply.

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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