



HiLook THC-T320-VF

· Specification summary

Device class	2 MP Manual Varifocal Turret Camera
Image sensor	2 MP CMOS as listed.
Resolution reference	1920 × 1080 pixels, horizontal × vertical; match the selected output to the recorder.
Signal system	PAL / NTSC as listed; confirm the selected system.
Frame-rate reference	PAL: 1080p at 25 fps; NTSC: 1080p at 30 fps. This generic row is not a per-output TVI/AHD/CVI/CVBS performance matrix.
Minimum illumination	Colour: 0.01 lux at F1.6 with AGC on; black-and-white: 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.
Day/night modes	Auto / Color / BW (Black and White) as listed; confirm scene settings.
Dynamic range	Digital WDR as listed; not a measured 120 dB true-WDR claim.
Image enhancement	BLC as listed.
Noise reduction	2D DNR as listed.
Image settings	Brightness, mirror, sharpness and AGC as listed.
Video output	One switchable TVI / AHD / CVI / CVBS analogue output; not four simultaneous outputs or an IP stream.
Manual varifocal lens	2.8 to 12 mm manual varifocal lens, not motorised zoom. Confirm the supplied configuration.
Horizontal field of view range	111.5° to 33.4° horizontal as listed across the lens range; no vertical or diagonal angles are established here.
Lens mount	Ø14 as printed; no unit or M12 thread is inferred.
IR distance	Up to 40 m as listed; scene and mounting affect usable images.
EXIR reference	EXIR 2.0 infrared technology as listed; not a white-light or colour-night guarantee.
Smart IR reference	Smart supplement light is listed; not AI or PIR detection. Confirm scene settings.
Angle adjustment	Pan 0–360°, tilt 0–75°, rotation 0–360°; physical adjustment, not motorised PTZ.
Power input	12 V DC ±15%; confirm a suitable supply and package contents.
Maximum consumption	5 W maximum camera consumption as listed.
Body material	Main body: metal; enclosure: plastic.
Weight reference	Approx. 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.
Menu language	English as listed; confirm supplied revision.

Ingress protection	IP66 as listed; confirm mounting and intended environment.
Optional junction box	HIA-J103 junction box is optional, not included as standard. Confirm supplied-unit fit and mounting combination.
Optional pendant mount	HIA-B101-130T pendant mount 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 wall mount	HIA-B402-130T wall mount is optional, not included as standard. Confirm supplied-unit fit and mounting combination.
Optional inclined ceiling junction box	HIA-J202 inclined ceiling junction box is optional, not included as standard. Confirm supplied-unit fit and mounting combination.

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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