



HiLook THC-T159-MS

· Specification summary



Device class	3K ColorVu Audio Turret Camera
Image sensor	3K CMOS as listed.
Resolution reference	2960 × 1665 pixels, horizontal × vertical; confirm recorder and output mode.
Signal system	PAL / NTSC as listed; confirm the selected signal system.
TVI frame-rate modes	TVI only: 3K at 20 fps; 4 MP at 25 or 30 fps; 1080p at 25 or 30 fps. Confirm recorder support.
AHD frame-rate modes	AHD only: 4 MP at 25 or 30 fps as listed. No 3K mode is established here.
CVI frame-rate modes	CVI only: 4 MP at 25 or 30 fps as listed. No 3K mode is established here.
CVBS frame-rate modes	CVBS only: PAL / NTSC as listed, not an HD CVBS mode.
Minimum illumination	0.001 lux at F1.0 with AGC on; 0 lux only with white light illumination.
Shutter time	PAL: 1/25 to 1/50,000 s; NTSC: 1/30 to 1/50,000 s.
Day and night reference	24/7 colour imaging / Color mode listed; suitable ambient illumination or white supplement light is required.
Dynamic range	Digital WDR as listed; not a measured 120 dB true-WDR claim.
Noise reduction	2D DNR as listed; no 3D implementation is established here.
White balance	Auto / Manual as listed; confirm scene settings.
Image parameter modes	STD / HIGH-SAT / HIGHLIGHT as listed; confirm settings.
Image settings	Brightness, Sharpness, Anti-Banding listed; confirm available settings.
Exposure and enhancement modes	DWDR / BLC / HLC / Global as listed; confirm scene settings.
Automatic gain control	AGC listed; confirm scene settings.
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.
Audio over coax	Audio over coaxial cable is listed; compatible recorder and supported signal mode are required. This is not a speaker or two-way audio claim.
Fixed lens choices	2.8 mm or 3.6 mm fixed-focus configurations as listed, not a zoom range. Confirm the selected lens.
Field of view at 2.8 mm	For the 2.8 mm lens only: horizontal 113°, vertical 62°, diagonal 137°

Field of view at 3.6 mm	For the 3.6 mm lens only: horizontal 88°, vertical 50°, diagonal 108°
Lens mount	M12 as listed; confirm the supplied configuration.
Colour aperture reference	F1.0 aperture is listed for 24/7 colour imaging; suitable illumination is required.
Supplement light	White light as listed; not an infrared range or hybrid-light claim.
White-light distance	Up to 20 m as listed; scene and placement affect usable images.
White-light control	Auto / Off as listed; confirm scene settings.
Light alarm reference	Solid white-light alarm listed; not proof of a detector or alarm input. Confirm recorder and scene settings.
Angle adjustment	Pan 0–360°, tilt 0–75°, rotation 0–360°; physical adjustment, not motorised PTZ.
Power input	12 V DC $\pm$ 25%; confirm a compatible supply. One power adapter per camera is recommended; inclusion is not assumed.
Maximum consumption	2.9 W maximum camera consumption as listed.
Body material	Metal
Weight reference	Approx. 243 g (0.54 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	82.65 × 91.0 × 69.16 mm (3.25 × 3.58 × 2.72 in) as listed; verify supplied-unit mounting clearance.
Optional junction box	HIA-J101 junction box is optional, not included as standard. Confirm fit and supply.
Optional corner mount	HIA-B201 corner mount is optional, not included as standard. Confirm fit and supply.
Optional vertical pole mount	HIA-B301 vertical pole mount is optional, not included as standard. Confirm fit and supply.
Optional wall mount	HIA-B401-110T wall mount is optional, not included as standard. 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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