



HiLook THC-B229-MS

· Specification summary



Device class	2MP ColorVu Audio Fixed Bullet Camera
Image sensor	2 MP CMOS
Resolution reference	1920 × 1080 pixels, horizontal × vertical; output-mode and recorder conditions apply
Signal system	PAL / NTSC as listed; confirm the selected output
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/night mode	Color as listed; colour mode still requires suitable scene illumination
TVI frame-rate modes	TVI only: 1080p at 25 or 30 fps; confirm recorder support
AHD frame-rate modes	AHD only: 1080p at 25 or 30 fps; confirm recorder support
CVI frame-rate modes	CVI only: 1080p at 25 or 30 fps; confirm recorder support
CVBS frame-rate modes	CVBS only: PAL / NTSC as listed; not an HD CVBS claim
Video output	One port with switchable TVI / AHD / CVI / CVBS as listed; confirm the recorder mode
Dynamic range	Digital WDR as listed
Image settings	Brightness / sharpness / anti-banding / AGC listed
Image enhancement	DWDR / BLC / HLC / Global as listed
Noise reduction	3D DNR / 2D DNR as listed
White balance	Auto / manual as listed
Image parameter modes	STD / HIGH-SAT / HIGHLIGHT listed; confirm actual settings
Built-in microphone	Built-in microphone listed; confirm recorder and audio configuration
Audio over coax	Audio over coaxial cable listed; compatible recorder and supported mode required
Fixed lens choices	2.8 / 3.6 mm fixed-focus configurations as listed; confirm the selected lens
Lens mount	M12
Field of view at 2.8 mm	For the 2.8 mm lens only: horizontal 105°, vertical 55°, diagonal 125°
Field of view at 3.6 mm	For the 3.6 mm lens only: horizontal 84°, vertical 45°, diagonal 99°
White-light distance	Up to 40 m as listed; not a guaranteed colour-identification distance
Colour-imaging reference	ColorVu and 24/7 colour imaging with F1.0 are listed; suitable scene or supplementary light is still required
Smart supplementary light	Smart Supplement Light listed; confirm available controls, not an inferred automatic detection trigger

White-light alarm reference	Solid white-light alarm listed; no siren, relay, PIR or autonomous AI trigger is established
Coaxial control reference	HIKVISION-C as listed; confirm recorder and control-mode compatibility
Angle adjustment	Pan 0–360°, tilt 0–180°, rotation 0–360°; physical adjustment, not motorised PTZ
Power input	12 V DC $\pm 25\%$; one adapter per camera is recommended; adapter not assumed included
Maximum consumption	3.2 W maximum camera consumption as listed; not a speaker or PoE output budget
Body material	Metal
Operating conditions	-40 to 60 °C (-40 to 140 °F); humidity 90% or less, non-condensing
Ingress protection	IP66 as listed; confirm the installation environment
Weight reference	Approx. 551 g (1.21 lb.) as listed; not a shipping-weight guarantee
Optional junction box	HIA-J101 junction box is optional; package inclusion not assumed. Confirm suitability and availability

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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