



HiLook IPC-B121H-C

· Specification summary

Device class	2 MP Fixed Bullet Network Camera
Maximum image size	1920 × 1080
Image sensor	1/2.9-inch progressive-scan CMOS
Colour illumination reference	0.01 lux at F2.2 with AGC enabled; this is a conditional manufacturer reference.
IR-assisted illumination reference	0 lux in black-and-white with IR illumination; not a colour-without-light claim.
Shutter time	1/3 s to 1/100,000 s
Day/night optics	IR-cut filter
Manual angle adjustment	Pan 0° to 360°, tilt 0° to 90°, rotate 0° to 360°. These are manual installation adjustments, not motorised PTZ.
Fixed-lens choices	2.8 mm or 4 mm fixed-focal options. Select one lens configuration; both are not assumed included.
2.8 mm field of view	2.8 mm lens: 94° horizontal, 51° vertical, 112° diagonal.
4 mm field of view	4 mm lens: 80° horizontal, 44° vertical, 94° diagonal.
Lens construction	M12 mount, fixed iris, F2.2 aperture.
2.8 mm DORI reference	2.8 mm lens: detect 48 m, observe 19 m, recognise 9 m, identify 4 m. Planning references, not a field-identification guarantee.
4 mm DORI reference	4 mm lens: detect 55 m, observe 22 m, recognise 11 m, identify 5 m. Planning references, not a field-identification guarantee.
Supplemental illumination	Infrared (IR), up to 20 m. Actual useful detail depends on the lens, scene and conditions.
Smart supplemental light	Smart supplemental-light control is listed.
IR wavelength	850 nm
50 Hz main stream	50 Hz: 25 fps at 1920 × 1080 or 1280 × 720.
60 Hz main stream	60 Hz: 30 fps at 1920 × 1080 or 1280 × 720.
Sub-stream reference	50 Hz: 25 fps; 60 Hz: 30 fps; 640 × 480 or 640 × 360.
Main-stream codecs	H.265+, H.265, H.264+ or H.264. Confirm the recorder and chosen encoding settings.
Sub-stream codecs	H.265 or H.264; do not assume the main-stream codec list applies here.
Video bitrate	32 Kbps to 8 Mbps
Codec profiles	H.264 Baseline, Main or High Profile; H.265 Main Profile.
Bitrate control	CBR or VBR
Listed security controls	Password protection and complexity, watermark, HTTP basic/digest authentication, security audit log and MAC host authentication are listed. This is not a security certification or a current-firmware assessment.

Simultaneous viewing reference	Up to six simultaneous live-view channels; not six camera inputs.
Integration references	ISAPI and SDK are listed. Verify the actual recorder/software combination; this does not mean a website or OS integration has been implemented.
Listed network protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, UDP and QoS. Additional protocols are not established by this row.
User-account reference	Up to 32 users; administrator, operator and user levels.
Client reference	iVMS-4200 is listed. Confirm the supported version and actual system.
Legacy browser reference	The sheet lists IE 10/11 plug-in live view and local service for Chrome 57.0+ or Firefox 52.0+. This historical minimum list is not a current browser-security recommendation or a plug-in-free compatibility guarantee.
Dynamic range	Digital WDR; no numeric true-WDR rating is established by this row.
Day/night modes	Day, night, auto or schedule.
Image enhancement	BLC, HLC and 3D DNR.
Image adjustment	Saturation, brightness, contrast, sharpness, gain and white balance are adjustable through the client software or web browser.
Ethernet interface	One self-adaptive RJ45 10/100 Mbps Ethernet port.
Basic events	Motion detection and exception events. Human/vehicle classification and face recognition are not established by this event row.
Event linkage reference	Surveillance-centre notification is listed. Actual delivery and system configuration require testing.
DC power reference	12 VDC $\pm$ 25%, 0.41 A, maximum 5 W; 5.5 mm coaxial plug with reverse-polarity protection.
PoE power reference	IEEE 802.3af Class 3, maximum 6.5 W. This is an alternative to DC, not an added power requirement.
Housing material	Plastic
Overall dimensions	138.8 × 60.9 × 57.9 mm; allow separate mounting and cable clearance.
Package dimensions	163 × 75 × 75 mm; package contents require separate confirmation.
Device mass reference	Approximately 175 g.
Storage and operating conditions	-30 to 60 °C; relative humidity at most 95%, non-condensing.
Listed interface languages	English and Ukrainian. Confirm the actual supplied firmware/language configuration.
General functions	Heartbeat, anti-banding, mirror, password protection and password reset via email are listed. This is not an ISD customer-message delivery claim.
Ingress-protection reference	IP67 is listed against IEC 60529-2013. Confirm mounting and sealing; this is not an impact or corrosion rating.
Corrosion selection	No specific anti-corrosion protection is assigned to this model. The generic top-level and moderate examples are not this model rating.
Mounting accessories	Optional DS-1276ZJ-SUS, DS-1280ZJ-XS and DS-1275ZJ-SUS are illustrated. Confirm the full mounting combination; accessories are not assumed included.

Mounting combinations

Corner: DS-1276ZJ-SUS + DS-1280ZJ-XS; junction box: DS-1280ZJ-XS;
vertical pole: DS-1275ZJ-SUS + DS-1280ZJ-XS. Confirm the selected
assembly and fixings.

Specifications are summarised from the manufacturer's published information (checked 2026-10-20). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

IS Distributions Sdn. Bhd., Kuching, Sarawak · <https://www.isdsb.com.my/product-hilook-camera-ipc-b121h-m.html>