

HWI-B120(-M) (B) 2 MP IR Fixed Bullet Network Camera



Key Features

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8, 4, 6 mm fixed lens
- H.264+, H.264
- Color: 0.01 Lux @(F1.2, AGC ON), 0.028 Lux @(F2.0, AGC ON)
- BLC/3D DNR
- IP67



Specification

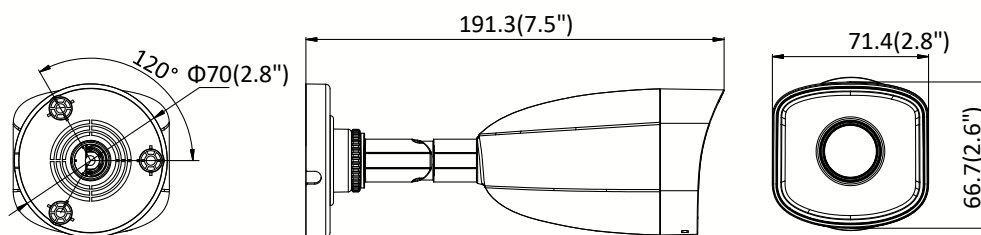
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028 Lux @(F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	DWDR
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°
Lens	
Focal Length	2.8, 4, 6 mm
Aperture	F2.0
Focus	Fixed
FOV	2.8 mm @F2.0, horizontal FOV 114°, vertical FOV 62°, diagonal FOV: 135° 4 mm @F2.0, horizontal FOV 87°, vertical FOV 48°, diagonal FOV: 102° 6 mm @F2.0, horizontal FOV 58°, vertical FOV 32°, diagonal FOV: 75°
Lens Mount	M12
IR	
IR Range	2.8/4 mm: up to 20 m 6 mm: up to 40 m
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.264 Sub-stream: H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile
H.264+	Main stream supports
Video Bit Rate	32 Kbps to 8 Mbps
Image	
Max. Resolution	1920 × 1080
Main Stream Max. Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-stream Max. Frame Rate	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC, 3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Scheduled
Network	
Alarm Trigger	Motion detection, video tampering alarm, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
Firmware Version	V5.5.4
API	ONVIF (PROFILE S), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users

	3 levels: Administrator, Operator and User
Client	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
General	
Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC $\pm$ 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.4 A, max. 5 W; PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 6.5 W
Protection Level	IP67
Material	Without -M model: Front cover: metal, back cover: plastic -M model: Front cover: metal, camera body: metal, bracket: metal
Dimensions	Camera: $\varnothing$ 70 mm $\times$ 191.3 mm ($\varnothing$ 2.8" $\times$ 7.5") With package: 216 mm $\times$ 121 mm $\times$ 118 mm (8.5" $\times$ 4.8" $\times$ 4.6")
Weight	Without -M model: Camera: Approx. 280 g (0.6 lb.) With package: Approx. 340 g (0.7 lb.) -M model: Camera: Approx. 340 g (0.9 lb.) With package: Approx. 420 g (0.9 lb.)

Available Models

HWI-B120 (2.8/4/6 mm) (B), HWI-B120-M(2.8/4/6 mm)

Dimension



Accessory



DS-1280ZI-XS
Junction Box

Distributed by



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