

# HIKVISION<sup>®</sup>

## HiWatch Series

### HWI-B121H(-M) 2 MP IR Fixed Network Bullet Camera



#### Key Features

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm/4 mm fixed lens
- H.265+/H.265/H.264+/H.264
- 3D DNR
- Up to 30 m IR range
- IP67



## Specification

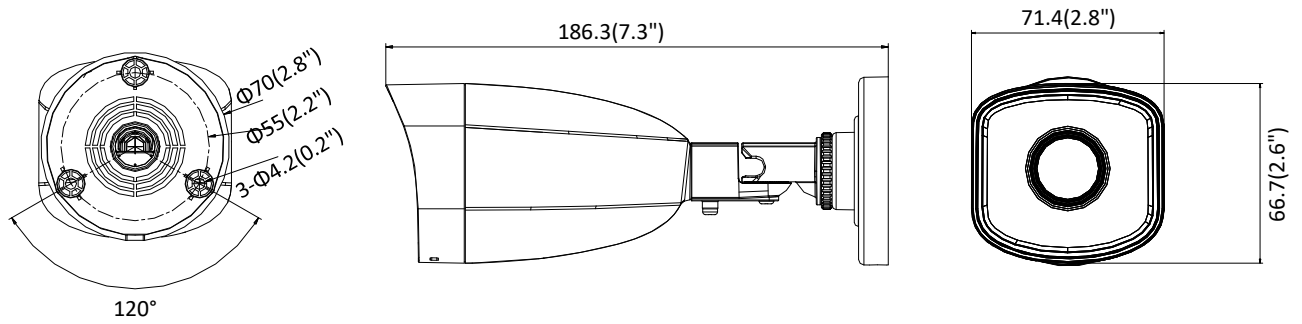
<b>Camera</b>	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100, 000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	DWDR
Angle Adjustment (Bracket)	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°
<b>Lens</b>	
Focal Length	2.8 mm, 4 mm
Aperture	F2.0
Focus	Fixed
FOV	2.8 mm, horizontal FOV 114.8°, vertical FOV 62°, diagonal FOV 135.5° 4 mm, horizontal FOV 86°, vertical FOV 46.5°, diagonal FOV 102.5°
Lens Mount	M12
<b>IR</b>	
IR Range	Up to 30 m
Wavelength	850 nm
<b>Compression Standard</b>	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265/H.264/MJPEG
H.264 Type	Main Profile/High Profile/Baseline Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 8 Mbps
<b>Smart Feature-set</b>	
Region of Interest	1 fixed region for main stream
<b>Image</b>	
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	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, scheduled, day, night
<b>Network</b>	
Alarm Trigger	Motion detection, video tampering alarm, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
Firmware Version	V5.5.83
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, Hik-Connect, iVMS-5200, iVMS-4500
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
<b>Interface</b>	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
<b>General</b>	
Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.3 A, Max: 3.5 W PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, Max: 4.5 W
Protection Level	IP67
Material	Without -M model: Front cover: metal, camera body: plastic, bracket: plastic -M model: Front cover: metal, camera body: metal, bracket: metal
Dimensions	Without -M model: Ø 70 mm × 186.3 mm (Ø 2.8" × 7.3") With -M model: Ø 70 mm × 181.6 mm (Ø 2.8" × 7.1")
Weight	Without -M model: Camera: Approx. 270 g (0.6 lb.) With package: Approx. 510 g (1.1 lb.) -M model: Camera: Approx. 390 g (0.9 lb.) With package: Approx. 630 g (1.4 lb.)

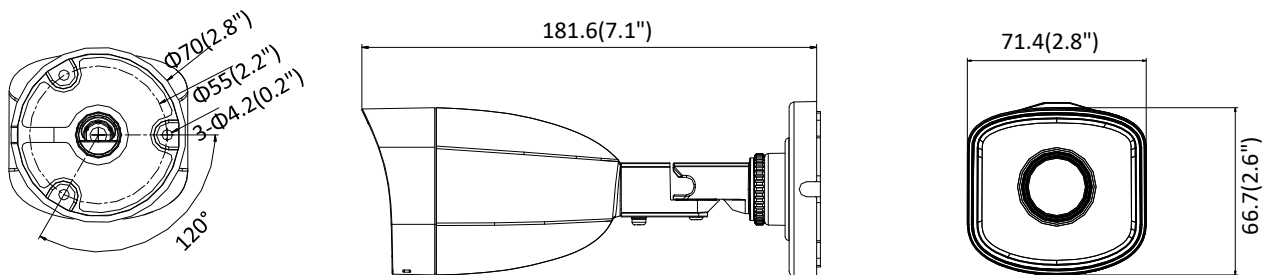
## Available Model

HWI-B121H (2.8/4 mm), HWI-B121H-M (2.8/4 mm)

## Dimension



Without -M Model



With -M Model

## Accessory

Distributed by



DS-1280ZJ-XS  
Junction Box

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