HIKVISION®
HiWatch Series

HWI-B140H(-M)
4.0 MP IR Network Bullet Camera

Key Features

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm/4 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120 dB WDR
- 3D DNR
- Up to 30 m IR range
- PoE
- IP67

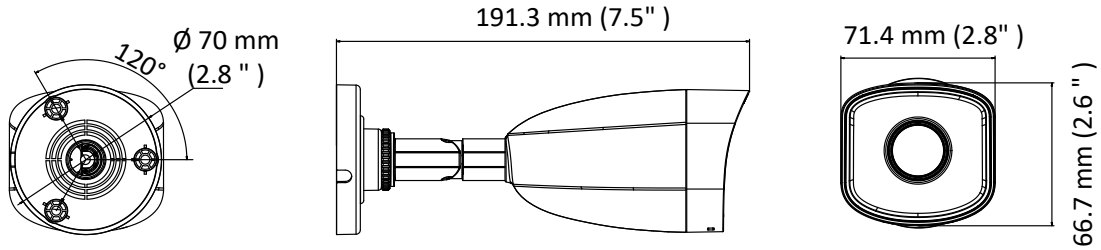
Camera	
Image Sensor	1/3" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100, 000 s
Slow Shutter	Yes
Auto-Iris	No
Day &Night	IR cut filter
DNR (Digital Noise Reduction)	3D DNR
WDR (Wide Dynamic Range)	120 dB
Angle Adjustment (Bracket)	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°
Lens	
Focal Length	2.8 mm, 4 mm
Aperture	F2.0
Focus	Fixed
FOV	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88°
Lens Mount	M12
IR	
IR Range	Up to 30 m
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 8 Mbps
Smart Feature-set	
Region of Interest	1 fixed region for main stream and sub-stream
Image	
Max. Resolution	2560 × 1440
Main Stream Max. Frame Rate	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 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
Network	
Network Storage	NAS (NFS, SMB/CIFS)
Alarm Trigger	Motion detection, video tampering alarm, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6 UDP, Bonjour
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), 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+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
General	
Operating Conditions	-30 °C to 50 °C (-22 °F to 122 °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, 0.4 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, camera body: plastic, bracket: plastic -M model: Front cover: metal, camera body: metal, bracket: metal
Dimensions	Camera: Ø 70 mm × 191.3mm (Ø 2.7" × 7.5") With package: 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")
Weight	Without –M model: Camera: approx. 280 g (0.6 lb.) With package: approx: 530 g (1.2 lb.) –M model: Camera: approx. 402 g (0.9 lb.) With package: approx: 641 g (1.4 lb.)

Available Models

HWI-B140H (2.8/4 mm), HWI-B140H-M (2.8/4 mm)

Dimension



Accessory

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