

HIKVISION®

HiWatch Series

HWI-B140H(-M) 4 MP Fixed Bullet Network Camera



- High quality imaging with 4 MP resolution
- Efficient H.265+ compression technology to save bandwidth and storage
- Clear imaging against strong back light due to 120 dB true WDR technology
- Water and dust resistant (IP67)
- 3D DNR technology delivers clean and sharp images
- Easy installation with Power over Ethernet (PoE) technology



www.hikvision.com

▪ Specification

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
Day & Night	IR cut filter
Wide Dynamic Range	120 dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°
DNR	3D DNR
Lens	
Lens	2.8 mm, 4 mm
Aperture	F2.0
Focus	Fixed
FOV	2.8 mm, horizontal FOV 98°, vertical FOV 53°, diagonal FOV 115° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 91°
Lens Mount	M12
Illuminator	
IR Range	Up to 30 m
Wavelength	850 nm
Network	
Alarm Trigger	Motion detection, video tampering, exception (network disconnected, IP address conflict, illegal login, HDD error)
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, SMTP, IGMP, QoS, IPv6, UDP, Bonjour
API	Open Network Video Interface (Profile S), ISAPI, SDK
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
Web Browser	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
Video	
Max. Resolution	2560 × 1440
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.265 Type	Main Profile
Video Bit Rate	32 Kbps to 8 Mbps
Smart Feature-Set	
Region of Interest	1 fixed region for main stream
Image	
Image Enhancement	HLC, BLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser

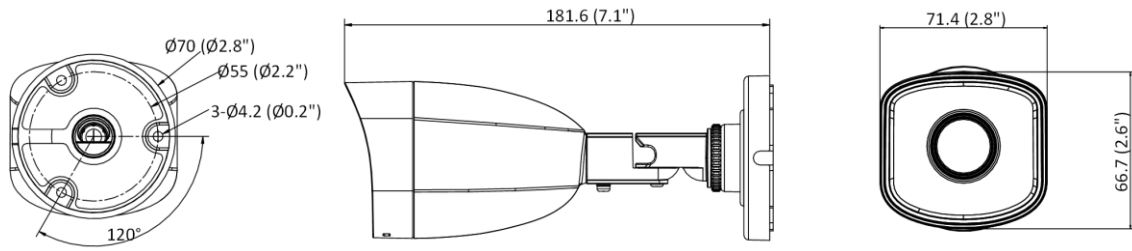
Day/Night Switch	Auto/Schedule/Day/Night
Main Stream Max. Frame Rate	50Hz: 20 fps (2560 × 1440) 25 fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2560 × 1440) 30 fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-stream Max. Frame Rate	50Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
General	
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Startup and 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)
Material	Without –M model: Front cover: metal, camera body: plastic, bracket: plastic -M model: Front cover: metal, camera body: metal, bracket: metal
Dimensions	Camera: 181.6 mm × 71.4 mm × 66.7 mm (7.1" × 2.8" × 2.6") With package: 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")
Weight	Without –M model: Camera: approx. 260 g (0.6 lb.) With package: approx. 474 g (1.2 lb.) -M model: Camera: approx. 390 g (0.9 lb.) With package: approx. 604 g (1.4 lb.)
Power Consumption and Current	12 VDC, 0.4 A, max. 5 W PoE (802.3af, 36 V to 57 V), 0.2 A to 0.15 A, max. 6.5 W
Interface Protection	IP67 (IEC 60529-2013)
Compression Standard	
H.264+	Main stream supports
H.265+	Main stream supports
General	
Web Client Language	English, Ukrainian

▪ **Available Model**

HWI-B140H (2.8/4 mm)

HWI-B140H-M (2.8/4 mm)

▪ **Dimension**



Unit: mm (inch)

▪ **Accessory**

▪ **Optional**

**DS-1280ZJ-XS
Junction Box**



Distributed by



HIKVISION[®]
HiWatch Series

Headquarters
No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Africa
T +27 (10) 0351172
sale.africa@hikvision.com

Hikvision Europe
T +31-23-55-42-770
info.eu@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Poland
T +48-22-460-01-50
poland@hikvision.com

Hikvision Korea
T +82-31-731-8841
sales.korea@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision UK
T +01628-902140
support.uk@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com