

HIKVISION[®]

HiWatch Series

HWI-B100(-M) (B) 1 MP IR Fixed Bullet Network Camera



Key Features

- 1/4" progressive scan CMOS
- 1280 × 720@30fps
- 2.8, 4, 6 mm fixed lens
- BLC/3D DNR
- IP67



www.hikvision.com

Specification

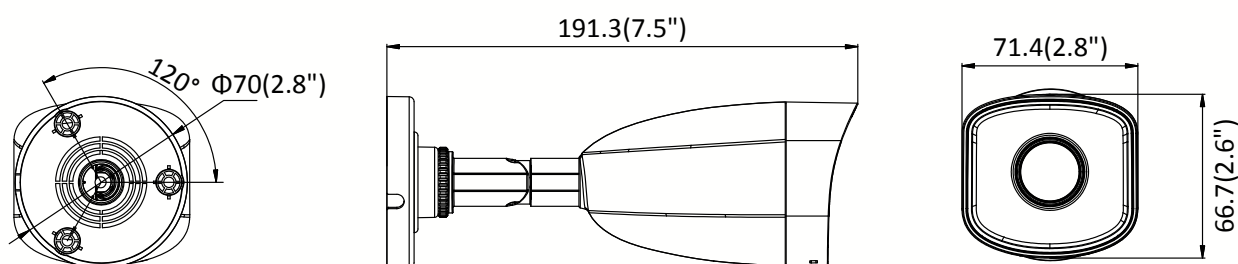
Camera	
Image Sensor	1/4" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028 Lux @(F2.0, AGC ON);
Shutter Speed	1/3 s to 1/100, 000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	DWDR
Angle Adjustment	Pan: 0° to 360°, tilt: 0° 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 89°, vertical FOV 50°, diagonal FOV: 102° 4 mm @F2.0, horizontal FOV 68°, vertical FOV 38°, diagonal FOV: 78° 6 mm @F2.0, horizontal FOV 56°, vertical FOV 31°, diagonal FOV: 64°
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
Video Bit Rate	32 Kbps to 2 Mbps
Smart Feature-set	
Region of Interest	1 fixed region for main stream and sub-stream
Image	
Max. Resolution	1280 × 720
Main Stream Max. Frame Rate	50Hz: 25fps (1280 × 720) 60Hz: 30fps (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	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	V5.5.5
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 ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.3 A, max. 4 W; PoE: (802.3af, 36 V to 57 V), 0.08 A to 0.13 A, max. 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")
Weight	Without -M model: Camera: Approx. 280 g (0.6 lb.) -M model: Camera: Approx. 340 g (0.9 lb.)

Available Models

HWI-B100 (2.8/4/6 mm) (B), HWI-B100-M (2.8/4/6 mm)

Dimension



Accessory



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