

## ECI-B12F

### 2 MP Outdoor EXIR Network Bullet Camera



- 1/2.8" (2 MP) Progressive Scan CMOS
- Up to 1920 x 1080 Resolution
- 2.8 mm, 4 mm, and 6 mm Fixed Lens Options
- EXIR 2.0 with up to 100 ft (30 m) IR Range
- H.264+/H.264/MJPEG
- DWDR, 3D DNR
- IP67 Protection
- 12 VDC  $\pm$  25% (PoE IEEE802.3 af), maximum 5 W

The Hikvision ECI-B12F Outdoor IR Bullet Camera provides high definition IP output. It supports H.264+ video compression technology, which assures savings in bandwidth and storage.

EXIR 2.0 is Hikvision's proprietary IR extended range technology, which has a range of 100 feet (30 meters).

2.8 mm, 4 mm, and 6 mm lens options are optimized for viewing angles that fit any situation.

**Available models:**  
ECI-B12F



# Specifications

ECI-B12F	
<b>Camera</b>	
Image Sensor	1/2.8" (2 MP) progressive scan CMOS
Minimum Illumination	Color: 0.028 Lux @ (f/2.0, 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	Digital WDR
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, 6 mm
Aperture	f/2.0
Focus	No
FOV	2.8 mm, horizontal FOV 103°, vertical FOV 59°, diagonal FOV 118° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102° 6 mm, horizontal FOV 54°, vertical FOV 30°, diagonal FOV 62°
Lens Mount	M12
<b>IR</b>	
IR Range	Up to 100 ft (30 m)
Wavelength	850 nm
<b>Compression Standard</b>	
Video Compression	Main stream: H.264+/H.264; sub-stream: H.264+/H.264/MJPEG
H.264 Type	Baseline profile/main profile/high profile
H.264+	Main stream
Video Bit Rate	32 Kbps to 8 Mbps
<b>Smart Features</b>	
Region of Interest	One fixed region for main stream and sub-stream
<b>Image</b>	
Maximum Resolution	1920 × 1080
Main Stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	30 fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day / Night Switch	Auto, scheduled
<b>Network</b>	
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
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User / Host	Up to 32 users; three levels: administrator, operator, and user
Client	iVMS-4200, Hik-Connect
Web Browser	IE 7+, Chrome 18 to 42, Firefox 5.0+, Safari 5.02+
<b>Interface</b>	
Communication Interface	1-Port RJ-45 10M/100M self-adaptive Ethernet port
<b>General</b>	
Operating Conditions	-22° F to 122° F (-30° C to 50° C); 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	2 VDC, 0.4 A, Maximum: 5 W; PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.13 A, Maximum: 7 W
Protection Level	IP67; TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Metal and plastic
Dimensions	Camera: Ø 2.7" x 7.5" (Ø 70 mm x 191.3 mm)
Weight	Camera: 0.62 lbs (280 g)

# Accessories



# Dimensions

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