

PCI-LB18F2S

AcuSense 8 MP IR Fixed Bullet Network Camera



Empowered by deep learning algorithms, Hikvision AcuSense technology brings human or vehicle target classification alarms to front- and back-end devices. The system can greatly reduce false alarms generated by targets other than humans or vehicles, vastly improving alarm efficiency and effectiveness.

- High quality imaging with 8 MP resolution
- Excellent low-light performance with Powered-by-DarkFighter technology
- Efficient H.265+ compression technology
- Clear imaging against strong backlight with 120 dB true WDR technology
- False alarm reduction through human and vehicle target classification based on deep learning
- Advanced streaming technology that enables smooth live view and data self-correcting in poor network conditions
- Water and dust resistant (IP67)



Specification

| Camera | |
|--------------------|--|
| Image Sensor | 1/1.8" Progressive Scan CMOS |
| Min. Illumination | 0.003 Lux @ (f/1.6, AGC ON), 0 Lux with IR on |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| P/N | P/N |
| Wide Dynamic Range | 120 dB |
| Day/Night | ICR Cut |
| Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° |
| Flash Memory | 8 GB |
| RAM | 1 GB |
| Lens | |
| Lens Mount | M16 |
| Lens Type and FOV | 2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131° |
| Aperture | f/1.6 |
| DORI | |
| DORI | 2.8 mm: D: 85 m, O: 33 m, R: 17 m, I: 8 m |
| Illuminator | |
| IR Range | Up to 295 ft (90 m) |
| Wavelength | 850 nm |
| Video | |
| Max. Resolution | 3840 × 2160 |
| Main Stream | 50 Hz: 20 fps (3840 × 2160, 3072 × 1728) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160, 3072 × 1728) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) |
| Sub-Stream | 50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240) |
| Third Stream | 50 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240) |
| Fourth Stream | 50 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240) *Fourth stream is supported under certain settings. |
| Video Compression | Main stream: H.265/H.264/H.264+/H.265+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 Fourth stream: H.265/H.264/MJPEG |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| H.264 Type | Baseline Profile/Main Profile/High Profile |
| H.265 Type | Main Profile |
| H.264+ | Main stream supports |
| H.265+ | Main stream supports |
| Bit Rate Control | CBR/VBR |

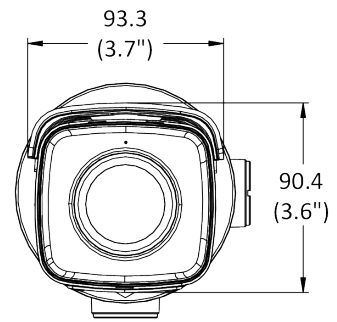
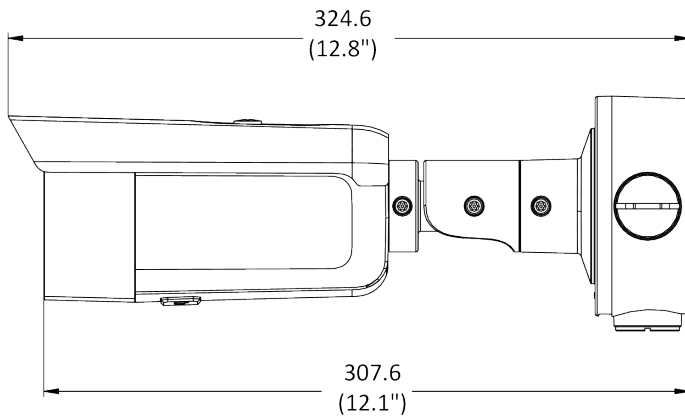
| | |
|-----------------------------|--|
| Scalable Video Coding (SVC) | Yes |
| Region of Interest (ROI) | 5 fixed regions for main stream and sub-stream |
| e-PTZ | Supports Preset and Patrol settings *Only the fourth stream supports this function. |
| Audio | |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz |
| Audio Compression | G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3 |
| Audio Bit Rate | 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32–192 Kbps (MP2L2)/8–320 Kbps (MP3) |
| Network | |
| Smooth Streaming | Yes |
| Security | Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.2, WSSE and digest authentication for Open Network Video Interface, memory card encryption, SFTP encryption, SRTP encryption |
| Simultaneous Live View | Up to 6 channels |
| API | Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1x, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SFTP, ISUP, ARP |
| User/Host | Up to 32 users. 3 user levels: administrator, operator, and user |
| Network Storage | MicroSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR), FTP ANR |
| Client | iVMS-4200, Hik-Connect, HikCentral |
| Web Browser | Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+ |
| Image | |
| Day/Night Switch | Day, Night, Auto, Schedule |
| Target Cropping | Yes |
| Image Enhancement | BLC, HLC, 3D DNR, EIS, Defog |
| Image Parameters Switch | Yes |
| Image Settings | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or Web browser |
| Interface | |
| Alarm | 2 inputs, 2 outputs (max. 24 VDC, 1A) |
| Audio | 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 2.2K Ω , interface type: non-equilibrium; 1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 vpp, output impedance: 100 Ω |
| On-board Storage | Built-in microSD/SDHC/SDXC slot, up to 256 GB |
| Hardware Reset | Yes |
| Communication Interface | 1 RJ-45 10M/100M self-adaptive Ethernet port |
| Power Output | 12 VDC, max. 100 mA (supported by all power supply types) |

| Event | |
|----------------------------------|---|
| Basic Event | Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) |
| Smart Event | Unattended baggage detection, object removal detection, scene change detection, audio exception detection, video quality diagnosis |
| Deep Learning Function | |
| Perimeter Protection | Line crossing detection, intrusion detection, region entrance detection, region exiting detection |
| General | |
| Linkage Method | Upload to NAS/memory card, notify surveillance center, trigger record, trigger capture |
| Web Client Language | 33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian |
| General Function | Anti-flicker, heartbeat, mirror, privacy masks, flash log, password reset via e-mail, pixel counter |
| Software Reset | Yes |
| Storage Conditions | -30° to 60° C (-22° to 140° F), humidity 95% or less (non-condensing) |
| Startup and Operating Conditions | -30° to 60° C (-22° to 140° F), humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ±25%, reverse polarity protection PoE: 802.3at, Class 4 |
| Power Consumption and Current | 12 VDC, 1.05A, max. 13 W PoE (802.3at, 42.5 V to 57 V), 0.33 A to 0.25 A, max. 14 W |
| Power Interface | Ø5.5 mm coaxial power plug |
| Camera Dimension | 324.6 mm × 93.3 mm × 90.4 mm (12.8" × 3.7" × 3.7") |
| Package Dimension | 386 mm × 156 mm × 155 mm (15.2" × 7.5" × 7.1") |
| Camera Weight | Approx. 1110 g (2.4 lb) |
| With Package Weight | Approx. 1610 g (3.5 lb) |
| Approval | |
| EMC | FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2019); KC (KN 32: 2015, KN 35: 2015) |
| Safety | UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2006+A2:2013, IEC 62368-1:2014+A11:2017); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015); LOA (SANS IEC60950-1) |
| Environment | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006); |
| Protection | Ingress protection: IP67 (IEC 60529-2013) |

Available Model

PCI-LB18F2S

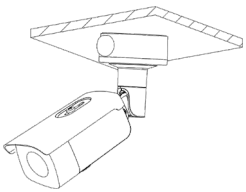
Dimensions



Unit: mm (inch)

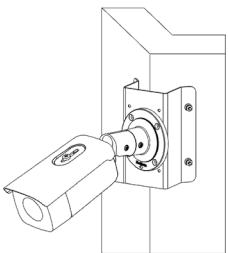
Included Accessory

CB130 Junction Box



Optional Accessories

CM Corner Mount



Distributed by

**HIKVISION®****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 Australia
T +61-2-8599-4233
salesau@hikvision.com

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

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

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

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

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

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

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

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

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

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

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

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

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

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com