

## PCI-B15F2S

### AcuSense 5 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 5 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)



## Specifications

| Camera             |                                                                                                                                                                                        |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor       | 1/2.7" Progressive Scan CMOS                                                                                                                                                           |
| Min. Illumination  | 0.003 Lux @ (f/1.4, 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                | 512 MB                                                                                                                                                                                 |
| Lens               |                                                                                                                                                                                        |
| Lens Mount         | M12                                                                                                                                                                                    |
| Lens Type and FOV  | 2.8 mm, horizontal FOV 97°, vertical FOV 71°, diagonal FOV 129°                                                                                                                        |
| Aperture           | f/1.4                                                                                                                                                                                  |
| DORI               |                                                                                                                                                                                        |
| DORI               | 2.8 mm: D: 64 m, O: 25 m, R: 12 m, I: 6 m                                                                                                                                              |
| Illuminator        |                                                                                                                                                                                        |
| IR Range           | Up to 131 ft (40 m)                                                                                                                                                                    |
| Wavelength         | 850 nm                                                                                                                                                                                 |
| Video              |                                                                                                                                                                                        |
| Max. Resolution    | 2592 × 1944                                                                                                                                                                            |
| Main Stream        | 50 Hz: 20 fps (2592 × 1944)<br>25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)<br>60 Hz: 20 fps (2592 × 1944)<br>30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) |
| Sub-Stream         | 50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)<br>60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)                                                                                     |
| Third Stream       | 50 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)<br>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)<br>60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)<br>*Fourth stream is supported under certain settings.      |
| Video Compression  | Main stream: H.265/H.264/H.264+/H.265+<br>Sub-stream: H.265/H.264/MJPEG<br>Third stream: H.265/H.264<br>Fourth stream: H.265/H.264/MJPEG                                               |
| Video Bit Rate     | 32 Kbps to 8 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                                                                                                                                                                                |

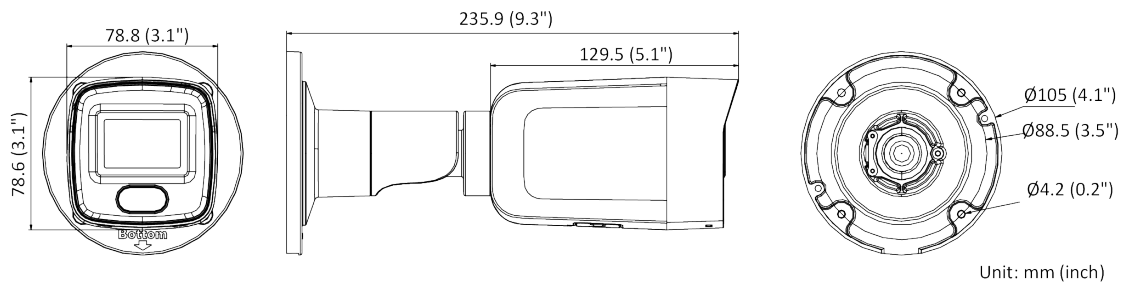
|                             |                                                                                                                                                                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>*Only the fourth stream supports this function.                                                                                                                                                                                                 |
| <b>Audio</b>                |                                                                                                                                                                                                                                                                                        |
| 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)                                                                                                                                                                                   |
| <b>Network</b>              |                                                                                                                                                                                                                                                                                        |
| Smooth Streaming            | Yes                                                                                                                                                                                                                                                                                    |
| 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                                                                                                                                                                                                                       |
| 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 |
| 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<br>Plug-in free live view : Chrome 57.0+, Firefox 52.0+<br>Local service: Chrome 57.0+, Firefox 52.0+                                                                                                                                         |
| <b>Image</b>                |                                                                                                                                                                                                                                                                                        |
| 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                                                                                                                                                             |
| <b>Interface</b>            |                                                                                                                                                                                                                                                                                        |
| Alarm                       | 1 input, 1 output (max. 12 VDC, 30 mA)                                                                                                                                                                                                                                                 |
| Audio                       | 1 input (line in), max. input amplitude: 3.3 vpp, input impedance: 4.7K $\Omega$ , interface type: non-equilibrium; 1 output (line out), max. output amplitude: 2.5 vpp, output impedance: 100 $\Omega$ , interface type: non-equilibrium, mono sound                                  |
| On-board Storage            | Built-in microSD/SDHC/SDXC slot, up to 256 GB                                                                                                                                                                                                                                          |
| Hardware Reset              | Yes                                                                                                                                                                                                                                                                                    |
| Power Output                | 12 VDC, max. 100 mA (supported by all power supply types)                                                                                                                                                                                                                              |
| <b>Event</b>                |                                                                                                                                                                                                                                                                                        |
| 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                                                                                                                                                                                                                    |
| <b>Deep Learning Function</b>    |                                                                                                                                                                                                                                                                                                                                                       |
| Perimeter Protection             | Line crossing detection, intrusion detection, region entrance detection, region exiting detection                                                                                                                                                                                                                                                     |
| <b>General</b>                   |                                                                                                                                                                                                                                                                                                                                                       |
| 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%<br>PoE: 802.3af, Type 1, Class 3                                                                                                                                                                                                                                                                                                          |
| Power Consumption and Current    | 12 V, 0.6 A, max. 7.2 W<br>PoE (802.3af, 36 V to 57 V), 0.3 A to 0.2 A, max. 8.5 W                                                                                                                                                                                                                                                                    |
| Power Interface                  | Ø5.5 mm coaxial power plug                                                                                                                                                                                                                                                                                                                            |
| Camera Dimension                 | 78.8 mm × 78.6 mm × 235.9 mm (3.1" × 3.1" × 9.3")                                                                                                                                                                                                                                                                                                     |
| Package Dimension                | 315 mm × 137 mm × 141 mm (12.4" × 5.4" × 5.6")                                                                                                                                                                                                                                                                                                        |
| Camera Weight                    | Approx. 830 g (1.8 lb)                                                                                                                                                                                                                                                                                                                                |
| With Package Weight              | Approx. 1174 g (2.6 lb)                                                                                                                                                                                                                                                                                                                               |
| <b>Approval</b>                  |                                                                                                                                                                                                                                                                                                                                                       |
| EMC                              | FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2016); 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 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1)                                                                                                                               |
| Environment                      | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)                                                                                                                                                                                                                                                                         |
| Protection                       | IP67 (IEC 60529-2013)                                                                                                                                                                                                                                                                                                                                 |




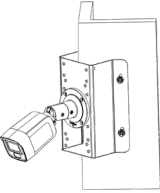
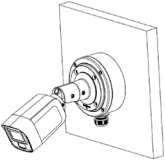
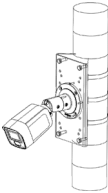
## Available Model

PCI-B15F2S

**Dimensions**



**Optional Accessories**

| <b>CM</b><br><b>Corner Mount</b>                                                    | <b>CBS</b><br><b>Junction Box</b>                                                   | <b>PM</b><br><b>Vertical Pole Mount</b>                                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|    |    |    |
|  |  |  |

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