

## IPC-B640H-Z/-V 4 MP Varifocal 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)
- Motorized varifocal lens for easy installation and monitoring

## ▪ Specification

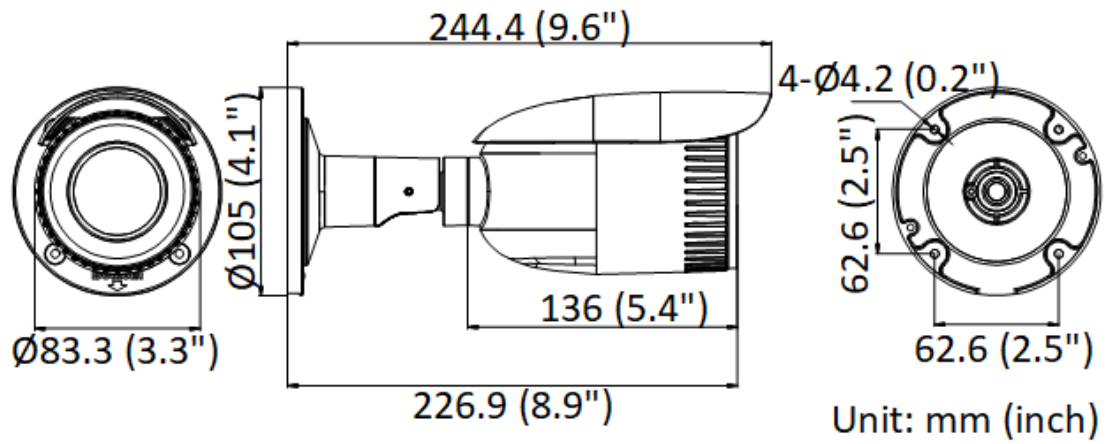
| Camera                   |  |
|--------------------------|--|
| Image Sensor             | 1/3" Progressive Scan CMOS   |
| Max. Resolution          | 2560 × 1440  |
| Min. Illumination        | Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0 Lux with IR   |
| Shutter Speed            | 1/3 s to 1/100,000 s   |
| Wide Dynamic Range       | 120 dB   |
| Day & Night              | IR Cut Filter  |
| Angle Adjustment         | Pan: 0° to 360°, tilt: 0° to 90°, rotation: 0° to 360°   |
| Lens                     |  |
| Lens Type                | Varifocal lens, motor-driven lens, 2.8 to 12 mm  |
| Focal Length & FOV       | 2.8 to 12 mm: horizontal FOV 102° to 31°, vertical FOV 55° to 18°, diagonal FOV 122° to 36°  |
| Lens Mount               | Ø14  |
| Iris Type                | Fixed  |
| Aperture                 | F1.6   |
| Illuminator              |  |
| IR Wavelength            | 850 nm   |
| IR Range                 | Up to 50 m   |
| Video                    |  |
| Main Stream              | 50 Hz: 20 fps (2560 × 1440)<br>25 fps (1920 × 1080, 1280 × 720)<br>60 Hz: 20 fps (2560 × 1440)<br>30 fps (1920 × 1080, 1280 × 720)       |
| Sub-Stream               | 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)                                     |
| Video Compression        | Main stream: H.265+/H.265/H.264+/H.264<br>Sub-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   |
| Region of Interest (ROI) | 1 fixed region for main stream   |
| Network                  |  |
| Protocols                | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS |
| Simultaneous Live View   | Up to 6 channels   |
| API                      | Open Network Video Interface, ISAPI  |
| User/Host                | Up to 32 users. 3 levels: administrator, operator and user   |
| Client                   | iVMS-4200, Hik-Connect   |
| Web Browser              | Plug-in required live view: IE 10+<br>Plug-in free live view: Chrome 57.0+, Firefox 52.0+<br>Local service: Chrome 57.0+, Firefox 52.0+  |

| Image                            |   |
|----------------------------------|---|
| Image Settings                   | Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser  |
| Day/Night Switch                 | Auto, Schedule, Day, Night  |
| Image Enhancement                | BLC, 3D DNR   |
| Interface                        |   |
| Ethernet Interface               | 1 RJ45 10 M/100 M self-adaptive Ethernet port   |
| On-Board Storage                 | Built-in memory card slot, support microSD card, up to 256 GB   |
| Reset Key                        | Yes   |
| Event                            |   |
| Basic Event                      | Motion detection, video tampering alarm, exception  |
| Linkage                          | Upload to FTP, notify surveillance center, send email, upload to memory card, trigger recording, trigger capture  |
| General                          |   |
| Power                            | 12 VDC $\pm$ 25%, 0.9 A, max. 11 W, $\varnothing$ 5.5 mm coaxial power plug<br>PoE: 802.3af, Class 3, 36 V to 57 V, 0.36 A to 0.23 A, max. 12.9 W   |
| Material                         | Metal   |
| Dimension                        | $\varnothing$ 105 mm $\times$ 244.4 mm ( $\varnothing$ 4.1" $\times$ 9.6")  |
| Package Dimension                | 315 mm $\times$ 137 mm $\times$ 141 mm (12.4" $\times$ 5.4" $\times$ 5.6")  |
| Weight                           | Approx. 1035 g (2.3 lb.)  |
| With Package Weight              | Approx. 1550 g (3.4 lb.)  |
| Storage Conditions               | -30 °C to 60 °C (22 °F to 140 °F). Humidity 95% or less (non-condensing)  |
| Startup and Operating Conditions | -30 °C to 60 °C (22 °F to 140 °F). Humidity 95% or less (non-condensing)  |
| Language                         | English, Ukrainian  |
| General Function                 | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter  |
| Approval                         |   |
| EMC                              | FCC SDoC (47 CFR Part 15, Subpart B);<br>CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014);<br>RCM (AS/NZS CISPR 32: 2015);<br>IC VoC (ICES-003: Issue 6, 2016);<br>KC (KN 32: 2015, KN 35: 2015) |
| Safety                           | UL (UL 60950-1);<br>CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);<br>CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);<br>BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)                                  |
| Environment                      | CE-RoHS (2011/65/EU);<br>WEEE (2012/19/EU);<br>Reach (Regulation (EC) No 1907/2006)   |
| Protection                       | IP67 (IEC 60529-2013)   |

### ▪ Available Model

IPC-B640H-Z (2.8 to 1 2mm)

## ▪ Dimension



## ▪ Accessory

### ▪ Optional

| HIA-B201  | HIA-B301  | HIA-J105   | HIA-J102  |
|---|---|--|---|
| Corner Mount  | Vertical Pole Mount   | Junction Box   | Junction Box  |
|  |  |  |  |