Bullet Cameras
High-end: performance, not price tag.

With BX 4MP and 4K Bullet Cameras you get supreme connectivity and flexibility, combined with great video and audio. You also get maximum reliability, and the other significant benefits of IndigoVision’s Distributed Network Architecture. BX 4MP and 4K Bullet Cameras deliver a different dimension of safety when combined with IndigoVision’s Control Center.

Key Features

- **4MP**
- **4K**
- Day/Night
- WDR
- H.264
- Up to 30fps
- G.711
- Analytics
- Motion Detection
- DNA
- PoE
- PoE+
- Onvif
- CyberVigilant™
- Outdoor
- IR
- IK10
- Low Temp

### Product Codes

<table>
<thead>
<tr>
<th>BX520 Bullet Cameras</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4MP Bullet Camera</td>
<td>611660</td>
</tr>
<tr>
<td>4K Bullet Camera</td>
<td>614660</td>
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</tbody>
</table>
**Metric BX620 4MP & 4K Bullet Camera**

### Specification

#### Note:
Specifications are correct at the datasheet date of issue and are subject to change without prior notice.

* 4MP and 3MP resolution only available on 4MP variant.  ** 12MP, 4K and 5MP (30fps) resolution only available on 4K variant. *** SDCard Storage independent of IndigoVision’s NVRs.

#### Dimensions

![View on Side Face](image)

![View on Front Face](image)

![Mounting Hole Pattern](image)

#### Camera Features

<table>
<thead>
<tr>
<th>Sensor</th>
<th>4MP</th>
<th>4K</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3&quot; Progressive CMOS</td>
<td>1/1.7&quot; Progressive CMOS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Active Pixels (HoV)</th>
<th>4MP (2560x1440)</th>
<th>12MP (4000 x 3000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Sensitivity</td>
<td>Day: 0.05 Lux (colour). Night: 0.005 Lux (mono). 30 IRE, F1.4, 1/15s shutter</td>
<td></td>
</tr>
<tr>
<td>Dynamic Range</td>
<td>WDR &gt; 120dB</td>
<td>WDR &gt; 100dB</td>
</tr>
</tbody>
</table>

#### Gain Control
- Auto/Manual

#### Back Light Compensation
- Auto/Manual

#### White Balance Mode
- True Day/Night with Mechanical IR Cut Filter

#### IR Illuminator
- Built-in IR Illuminator 850nm wavelength, effective distance >50m

#### Video Resolution
- 4000x3000 pixels (12MP)**; 4096x2160 pixels (8MP)**; 3840x2160 pixels (8MP)**; 3072x2048 pixels (6MP)**; 2560x1440 pixels (4MP)**; 2304x1296 pixels (3MP)**; 1920x1080 pixels (HD); 1280x960 pixels (1.3MP); 1280x720 pixels (720p); 704x576 pixels (D1); 704x480 pixels (D1); 352x288 pixels (SIF); 352x240 pixels (SIF)

#### Signal/Noise Level
- > 50dB

#### Lens Options
- 2.7mm - 12mm, Horizontal view angle 100° (W) 33° (T), F1.4, Vari-focal, M14 mount with Remote Zoom/Focus

#### Iris Control
- Auto Iris

#### Shutter
- Rolling; Auto from 1/3 - 1/10,000 sec

#### Exposure Control
- Auto/Low Noise/Low Motion Blur/Manual

#### Video Compression
- Full frame rate, full colour: H.264/MJPEG ; up to 30fps (ISO 14496-10)

#### Video Bit Rate
- User-configurable bit rates from 64Kbps up to 10Mbps

#### Privacy Zones
- 4 User Defined

#### Video Multi-Streaming
- Up to two simultaneous resolutions including: 12MP (20fps)**, 4K(30fps)**, 5MP(30fps)**, 4MP (20fps)*, 3MP (30fps)*, 1080p (30fps), 720p (30fps), D1 (30fps), CIF (30fps)

#### Video Analytics
- Motion Detection, Tripwire, Intrusion, Abandoned Object, Missing Object, Scene Change, Video Tamper, Defocus Detect, Face Detection

#### Audio Compression
- G.711

#### Audio Bit Rate
- 32Kbps per channel

#### Audio Resolution
- Full Duplex, 8kHz or 16kHz sample rate, Mono Input, Mono Output

#### Audio Analytics
- Audio Intensity High, Audio Input Abnormal

#### Audio Input
- Line in, RCA connector

#### Audio Output
- Line out, RCA connector

#### Binary Input/Output
- 2 Pull up inputs for non powered contacts; 1 Solid state open collector output, Max 5.0V, 30mA

#### Network Interface
- IEEE802.3 and IETF standards: 10/100 Base-T Ethernet, IPv4/IPv6, TCP, UDP, RTP, RTSP, ICMP, IGMP, SNMP, HTTP, HTTPS, SSID, PPPoE, uPnP, QoS, DHCP

#### Network Security
- HTTPS, IP Filter, IEEE 802.1x

#### CyberVigilant® Technology
- Yes

#### Time
- Embedded real-time clock, NTP client

#### SD Storage
- microSDHC 128GB support (card not included)**

#### Dimension/Weight
- 95.0mm (h) x 94.92mm (w) x 273mm (l) and 1.1Kg (with sun shade)

#### Regulatory
- EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, FCC Part 15 Subpart B Class A, EN 50130-4, EN61000-4-2, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11, IEC60068-2-27 (Shock), IEC60068-2-6 (Sine Vibration), UL60950

#### Housing
- White vandal resistant aluminium alloy with polycarbonate sun shade including 200mm cable bundle

#### Protection Rating
- IP67, IK10 (IEC 62262)

#### Electrical
- Camera only: PoE+ (802.3at Class 4) or 12V DC 24V AC, 9W Camera including heater: PoE+ (802.3at Class 4) or 12V DC 24V AC, 19W. Power supply ordered separately (Product code: 110064, 130176)

#### Operating Temperature
- -40°C to 60°C

#### Cold Start
- -30°C

#### IndigoVision Software Requirements
- Control Center v13.2 or later

#### Supported Internet Browsers
- Internet Explorer v11.0 or later, Chrome v44.0 or later, Firefox v16.0 or later

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