Fixed Camera

High-end: performance, not price tag.

With the BX HD Camera 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 HD Fixed Camera delivers a different dimension of safety when combined with IndigoVision’s Control Center.

**Key Features**
- **HD**
- **Day/Night**
- **WDR**
- **H.265**
- **H.264**
- **Up to 60fps**
- **G.711**
- **Analytics**
- **Motion Detection**
- **DNA**
- **PoE**
- **PoE+**
- **OnVif**
- **CyberVigilant**

**Product Codes**

<table>
<thead>
<tr>
<th>BX630 Fixed Camera</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD Fixed Camera Standard Lens, 2.7-12mm</td>
<td>610622</td>
</tr>
<tr>
<td>HD Fixed Camera Telephoto Lens, 5-50mm</td>
<td>610623</td>
</tr>
</tbody>
</table>
**Dimensions**

![View on Front Face](image1)

View on Side Face

<table>
<thead>
<tr>
<th>Dimension/Weight</th>
<th>Standard Lens</th>
<th>Telephoto Lens</th>
</tr>
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<tbody>
<tr>
<td>Camera only: 135.4mm (d) x 74.4mm (w) x 65.5mm (h) and 0.3Kg</td>
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<tr>
<td>Lens only: 33.7mm (dia) x 57.6mm (d) and 0.735kg</td>
<td>Lens only: 47.0mm (dia) x 85.9mm (d) and 0.195kg</td>
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<tr>
<td>Camera with lens: 193mm (d) x 74.4mm (w) x 65.5mm (h) and 1.035Kg</td>
<td>Camera with lens: 221.3mm (d) x 74.4mm (w) x 65.5mm (h) and 0.495kg</td>
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</table>

**Sensor**
- 1/2.7" Progressive CMOS

**Active Pixels (HxV)**
- HD (1920x1080)

**Minimum Sensitivity**
- Day: 0.04 Lux (color), Night: 0.02 Lux (mono), 30 IRE, F1.2, 1/30s shutter

**Dynamic Range**
- WDR > 120dB

**Gain Control**
- Auto/Manual

**Back Light Compensation**
- On/Off

**White Balance Mode**
- Auto/Manual

**Day/Night**
- True Day/Night with Mechanical IR Cut Filter

**Video Resolution**
- 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, F1.6, Vari-focal, CS mount with Auto Back Focus

**Horizontal Angle of View**
- Full Wide 102.6° ~ Full Tele  29.9°

**Vertical Angle of View**
- Full Wide 74.3° ~ Full Tele  22.6°

**Iris Control**
- Auto Iris

**Exposure Control**
- Auto/Manual

**Video Compression**
- Full frame rate, full color: H.265; up to 30fps, H.264/MJPEG ; up to 60fps (ISO 14496-10)

**Video Multi-Streaming**
- Up to 32Mbps total video output; Unlimited multicast connections. Up to eight 4Mbps unicast connections; Up to sixteen 1Mbps unicast connections

**Video Multi-Encoder**
- Two simultaneous resolutions including: up to 1080p (60fps) plus 720p (20fps) or lower
- Or two simultaneous resolutions including: up to 1080p (30fps) plus 1080p (30fps) or lower

**Video Output**
- PAL composite video, 75 Ohms 1V p-p

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

**Audio Compression**
- G.711Mu

**Audio Bit Rate**
- Non user configurable, G.711Mu 64Kbps - 80Kbps

**Audio Resolution**
- G.711Mu 8kHz sample rate, Mono Input, Mono Output

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

**Audio Input**
- Line in, 3.5mm jack connector

**Audio Output**
- Line out, 3.5mm jack connector

**Binary Input/Output**
- 2 Pull up inputs for non powered contacts; 1 solid state open collector output with 5VAC/DC 30mA max carrying capacity

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

**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)*

**Regulatory**
- EN55032, EN55024, EN50130-4, EN61000-3-2, EN61000-3-3, FCC Part 15 Subpart B Class A, IEC60608-2-27, IEC60608-2-6, IN60068-2-6, EN60068-2-20, EN60068-2-30, UL60950-1, EN 61000-6-2, EN 61000-6-4 , EN50332, EN50524

**Housing**
- Diecast aluminum alloy**

**Electrical**
- PoE (802.3af Class 0) or 12VDC @0.58A:7W / 24VAC @ 0.38A:9W. Power supply ordered separately (Product code: 110068; 130176)

**Operating Temperature**
- -10°C to 60°C (14°F to 140°F)

**Cold Start**
- -10°C (14°F)

**IndigoVision Software Requirements**
- Control Center v15.1 or later

**Supported Internet Browsers**
- Internet Explorer v11.0 or later

**ONVIF**
- Profile S

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

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