Vicon’s V962 high definition vandal resistant Video Analytics network bullet camera is designed for security installations that need a vandal resistant camera that delivers outstanding imaging at 1080P resolution. Integrated IR LEDs allow the camera to deliver crisp clear images in low light conditions.

These bullet cameras provide triple-streaming video and support H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. Users can receive multiple streams simultaneously in different resolutions, frame rates and image qualities for viewing on different platforms. A microphone can be connected to the camera to capture audio.

Installation is made easy and cost effective with Power over Ethernet (IEEE 802.3af), which eliminates the need for power cables. Remote focus and zoom as well as an electrical junction box simplifies the installation process. In order to adapt to the low light lighting conditions, the camera has integrated IR LEDs designed to illuminate the scene up to 30 meters.

**Product at a Glance**

- 1080P resolution
- Real Time (30 fps) at full resolution
- 0.16 lux @ 50 IRE (IR LEDs off)
- 3-12mm motorized focus and zoom P-IRIS lens
- Video Analytics: Crossing, Enter/Exit Area, Stopped, Loitering, and Removed Object
- Power-over-Ethernet (IEEE 802.3af), 12VDC, 24VAC
- IR LEDs (30m range)
- Privacy Masking
- Audio In/Out
- Alarm In/Out relays
- IP66 and IK10
- ONVIF Compliant

**Ordering Information**

<table>
<thead>
<tr>
<th>Description</th>
<th>Model Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1080P network bullet camera. IR LEDs (30m), 3-12mm MFZ Lens, Video analytics, IP66. IK10. POE (12W)</td>
<td>V962B-IR312M-VA</td>
</tr>
<tr>
<td>Electrical Junction Box (Fits V993B/V962B/V963B/V965B Bullet Cameras)</td>
<td>V963B-JB</td>
</tr>
</tbody>
</table>
### Model: V962B-IR312M-VA

**Image Sensor:** Sony IMX-122 CMOS (1/2.8"

**Max Resolution:** 1920 x 1080 (30 fps)

**Image Settings:** Adjustable bit rate. Flip and mirror. Configurable brightness, contrast, color, hue, sharpness. White balance. AGC, AES. Automatic or manual day/night mode. 3DNR, BLC (Backlight Compensation). Digital zoom. Motion detection. Slow Shutter. Privacy Masking. VCA: Line Crossing, Enter/Exit Area, Stopped, Loitering, and Removed Object

**Shutter Speed:** 1/4 ~ 1/2000 sec

**Electronic Zoom:** 2 ~ 100X (client software)

**Day/Night Performance:** IR cut filter, True Day/Night

**S/N Ratio:** 72 dB D-WDR

**Minimum Illumination:**
- Color: 0.63 lux (F3.5, 50IRE); B/W: 0.0 lux (IR LEDs ON)

**Lens**

- **Focal Length:** 3-12 mm motorized focus zoom
- **Max. Aperture:** f/1.2
- **Iris:** P-Iris
- **IR LED Distance:** 30m (42 LEDs)
- **Horizontal Field of View:** 28° - 85°

**Network Video Transmission**

- **Network:** 10Base-T, 100Base-TX, RJ-45
- **Image Compression:** H.264 (High Profile) CBR/VBR; M-JPEG
- **Protocol:** IPv4, TCP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SNMP, DHCP, NTP, DNS, DDNS, UDP, ARP
- **Frame Rate:** 1 ~ 30 fps
- **Streaming:** Triple Streaming (3x H.264)
- **Users:** Live viewing for up to 8 clients (unicast)
- **Web Browser:** Internet Explorer® 7.0 and above, Chrome®, Firefox®
- **Security:** IP address filtering, HTTPS encrypted data transmission, password protection

**Mechanical and Electrical**

- **Construction:** Aluminum Die-casting, IP66, IK10
- **Mounting:** Surface mount.
- **Dimensions:** Body: 123mm (Ø) x 298mm (H)
- **Weight:** 1.42 Kg
- **Input Power:** PoE (IEEE 802.3af Class 0); 12VDC; 24VAC
- **Other Connectors:** Micro SD Card; Analogue Video Out (CVBS)
- **Power Consumption (IR ON):** Max 12W (IR and Heater ON) Max 12.5W (IR and Heater ON)
- **Heater:** 3W
- **Alarm Relay:** 1 Line In; 1 Line Out
- **Audio In:** 1 Line In; 1 Line Out
- **Audio Out:** G.711 codec

**Environmental**

- **Operating Conditions:** Temp: -40 to 50° C; Humidity: less than 90%, non-condensing
- **Approvals:** FCC Class A, CE, UL
- **Warranty:** 3 years

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