# Verint® V4750BX-DN Box Camera



The Verint V4750BX-DN is a brand-new professional H.264/H.265 network box camera offering a maximum resolution of 2592 x 1944 (5MP) at 30 fps. The V4750BX-DN is a powerful camera that results in high resolution images and includes advanced features like Wide Dynamic Range (WDR), Remote Back Focus, Onboard Analytics and a built-in MicroSD slot for onboard storage.

Using AdaptiveStream the V4750BX-DN network box camera can reduce bandwidth and storage consumption while maintaining high image quality. True WDR capability allows the camera to capture both dark and bright areas of an image, combining the differences to create a highly realistic representation of the original scene. The onboard analytics suite features essentials like TripWwire, Object LeftBbehind and Loitering which can be used to alert a user to a potential problem in the field.

The Verint V4750BX-DN network box camera is fully integrated into Verint's EdgeVR® platform. With this powerful integration, users can now operate the camera from the EdgeVR platform to adjust and maintain over its life. Some of the features and advantages of this integration include easy installation with Auto Camera Config, Remote Password and Firmware updates, HTTPS support for secure connections, integrated camera image adjustment, Audio support and SD Card backup feature which prevents loss of video in the case of a network disruption.

## Key Features:

- Max. 5MP (2592 x 1944) @30 fps resolution

- Smart compression offering optimally usable bandwidth and storage

- Triple H.265/H.264/MJPEG video streams

- Support megapixel DC-Iris, P-Iris lenses

- Built-in ABF button for easy focus adjustment

- True WDR for better visibility

- Micro SDHC/SDXC memory slot

- DC12V, AC24V and PoE power input

- ONVIF Profile S/G/Q/T compliance

- Built-in Analytics

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# Verint V4750BX-DN

## CAMERA FEATURES

| | |
|---|---|
| Image Sensor | 1/2.8" |
| Lens Type | CS/I-CS  mount (Lens not included) |
| Iris Control | DC-IRIS, P-IRIS Support |
| ABF | Yes |
| Minimum Illumination | Color: 0.26 lux f/1.3 @ 33ms (Color)<br>BW: 0.15 lux f/1.3 @ 33ms<br>*Note: This info only for reference. The minimum illumination values will change depending on the lens used. |
| D/N Control | Mechanical D/N |

## IMAGE

| | |
|---|---|
| Exposure Mode | Auto, Shutter-Priority, Manual, Flickerless, True WDR |
| Shutter Speed | Manual: 1~1/10,000s (default NTSC=1/30s, PAL=1/25s)<br>Shutter-Priority: 1/120~1/10,000s |
| WDR | True WDR |
| Image Orientation | Off, Flip |
| Privacy Zone | 8 Zones |
| Image Setting | Gain Control, WB, BLC, HLC, Defog, EV, Gamma Correction, 3DNR, Sharpness, Brightness, Contrast, Hue, Saturationw |

## VIDEO

| | |
|---|---|
| Compression | H.265/HEVC Main Profile<br>H.264 Main/High/Baseline Profile |
| Maximum Frame Rate | 3 simultaneous streams, 2592x1944 @ 30fps |
| System Frequency | 60Hz/50Hz |
| Enhanced Codec | Smart Compression: iZone, iStream, Dynamic 3DNR |
| Bitrate Control | CVBR (H.264/H.265) |

## AUDIO

| | |
|---|---|
| Compression Format | G.711 (a-law , u-law) |

## INTELLIGENT VIDEO

| | |
|---|---|
| Intelligent Video Analysis | Motion, Tampering, Intrusion, Loitering, Line Counting, Borderline, Abandoned, Departure, Area Counting, Withdrawn, Adverse Way |
| Event Source | Schedule, Network loss detection |
| Event Handling | Schedule recording (*JPG/MP4), E-mail notification (*JPG), FTP recording (*JPG), SD Card recording (*JPG/MP4), OSD indication |

## NETWORK

| | |
|---|---|
| User Web Access | Up to 10 clients |
| Protocols | ARP, DHCP, DNS, FTP, HTTP, HTTPS,  ICMP, IGMP, IPv4/6, LDAP, NTP, RTSP/RTCP/RTP,  QoS, SMTP, SNMP v1/2c/3, TCP, TLS/TTLS, UDP, UPnP, 802.1X, Bonjour, SNMP v1/2c/3, DDNS, PPPoE |
| Internet Security | IEEE 802.1X, HTTPS, Digest Authentication, IP Filtering, Advanced Security |

## GENERAL

| | |
|---|---|
| On Board Storage | 1 x micro SDHC/SDXC slot (card not included), Recording & Playback |
| I/O Interface | 1x Audio Input / 1x Audio Output<br>1x Alarm Input / 1x Alarm Output<br>1x Reset/1x Default Button<br>1x RJ45 IEEE 802.3, 10/100 Base-T/TX |
| Web Browser | Internet Explorer 11, Mozilla Firefox, Chrome, Safari, Microsoft Edge |
| Memory | 1GB RAM |
| ONVIF Compliance | Profile S/G/Q/T |
| Unit Configuration | Date/time sync (manual, NTP, PC, DST support), System info (FW/HW version, product name, serial number, MAC address), Camera SW reboot, UI SW factory default, UI HW factory default |

## MECHANICAL

| | |
|---|---|
| Casing Material | Box Body: Aluminum / Box Base: Aluminum |
| Weathering Resistance | N/A |
| Vandal Resistance | N/A |
| Dimension | 73x104x62mm |

## ELECTRICAL

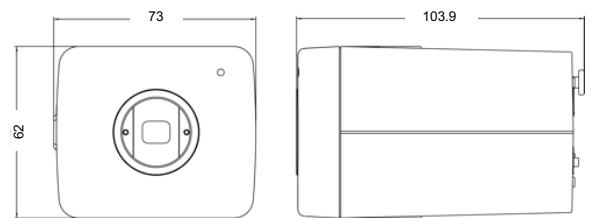| | |
|---|---|
| Power Source | DC12V, AC24V, PoE |
| Power-over-Ethernet | IEEE 802.3af, Class 3 |
| Power Consumption | 13.5W (Max) |

## ENVIRONMENTAL

| | |
|---|---|
| Operating Temperature | -10°C ~ 55°C |
| Cold Start Temperature | -20°C |
| Storage Temperature | -40°C ~ 60°C |
| Storage Humidity | 90%, non-condensing |

## CERTIFICATION

| | |
|---|---|
| Safety Certifications | UL/LVD/CE/FCC |
| Industry Compliance | NDAA Compliant |

## DIMENSIONS



73   103.9   62

Unit : mm

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