

Verint® V4750FDW-DN Network Dome Camera



The Verint V4750FDW-DN is a brand-new professional H.264/H.265 network dome camera offering a maximum resolution of 2592 x 1944 (5MP) at 30 fps. The V4750FDW-DN is a powerful camera that can be used in indoor and outdoor applications and features high resolution images, Wide Dynamic Range (WDR), Remote Focus and Zoom, Onboard Analytics and a built-in MicroSD slot for onboard storage.

Using AdaptiveStream the Verint V4750FDW-DN network dome camera can reduce bandwidth and storage consumption while maintaining high image quality. True WDR capability allows the camera to capture both the 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 Trip Wire, Object Left Behind and Loitering which can be used to alert a user to a potential problem in the field.

Most importantly the Verint V4750FDW-DN network dome camera is fully integrated into our 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 (2592x1944) @30fps resolution
- Smart compression offering optimally usable bandwidth and storage
- Triple H.265/H.264/ video streams
- Built-in adaptive IR illumination, effective up to 40 meters
- True WDR 120dB for better visibility
- Micro SDHC/SDXC memory slot
- IP66/IK10-rated protection
- DC12V, AC24V and PoE power input
- ONVIF Profile S/G/Q/T compliance
- IP67/IK10 Rated
- Built in Smart IRs good for up to 40 meters
- Built in analytics

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CAMERA FEATURES

Image Sensor	1/2.8"
Lens Type	f2.7~13.5mm, F1.4~2.8, Motorized
Optical Zoom	5x
Field of View	Lens spec: 105°(H), 75°(V)
Iris Control	DC Iris (Auto)
Minimum Illumination	Color: 0.02 lux F1.4, B/W: 0 Lux IR on
IR Distance	40M
Adaptive IR	On, Off
Smart IR	On, Off
D/N Control	Mechanical D/N

IMAGE

Exposure Mode	Auto, Shutter-Priority, Manual, Flickerless, True WDR
Shutter Speed	1/25~1/10000s
WDR	True WDR, 120dB
Image Orientation	Off, Flip, Mirror, Both
Privacy Zone	8 Zones
Image Setting	Gain, WB, BLC, HLC, EV, Defog, Gamma Correction, 3DNR, Corridor Mode, Sharpness, Brightness, Contrast, Hue, Saturation

VIDEO

Compression	H.265/HEVC Main Profile H.264 Main/High/Baseline Profile
Maximum Frame Rate	2592x1944@ 30fps (H.264/H.265) Single: 5MP@30fps Dual: 5MP@ 30fps + 1600x1200@30fps Triple: 5MP@ 30fps +1600x1200@30fps + 640x480@30fps

AUDIO

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

Intelligent Video Analysis	Motion, Tampering, Intrusion, Loitering, Line Counting, Borderline, Abandoned, Departure, Area Counting, Withdrawn, Adverse Way, Defocus
Event Source	Schedule, Alarm, Audio, Network, Motion, Tampering, SD Card Health
Event Handling	Alarm Out, E-mail Notification (*.JPG), OSD Indication, Sound Playback, Snapshot to SD Card (*.JPG), Snapshot to FTP (*.JPG), SD Card Recording (MP4), HTTP Generic Event

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/TLS, 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 1x Alarm Input / 1x Alarm Output 1x Reset Button 1x Default Button 1x DC12V/AC24V Terminal Block 1x RJ45 IEEE 802.3, 10/100 Base-T/TX 1x 2pin Terminal Block Monitor Out
Web Browser	Internet Explorer 11, Mozilla Firefox, Chrome, Safari, Microsoft Edge
Memory	256MB RAM, 128MB Flash
ONVIF Compliance	Profile S/G/Q/T
Unit Configuration	Web Update, OSD Setting, Date & Time Setting, Multi-language, Account Management, Profile Management

MECHANICAL

Casing Material	Dome Housing - Aluminum Alloy Dome Bubble - Polycarbonate
Weathering Resistance	IP67
Vandal Resistance	IK10
Dimension	Ø135mmx125mm

ELECTRICAL

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

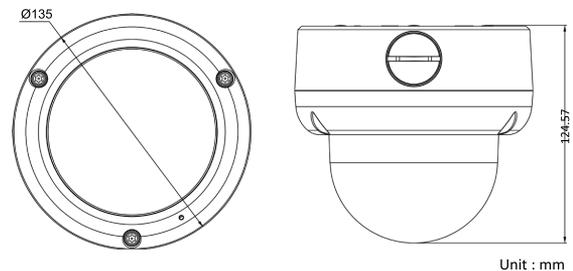
ENVIRONMENTAL

Operating Temperature	-40°C ~ 60°C
Cold Start Temperature	-40°C
Storage Temperature	-40°C ~ 65°C
Storage Humidity	90%, non-condensing

CERTIFICATION

Safety Certifications	CE/LVD/FCC/UL
Industry Compliance	NDA Compliant

DIMENSIONS



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