

Verint® V3820FDW-DN Dome Camera



2MP • POE • WDR • Smart IR • 30M IR • IP67 • IK10 •
Remote Focus and Zoom

The Verint® V3820FDW network dome camera can be used for indoor and outdoor installations. Featuring a high quality 2MP sensor with a maximum resolution of 1920x1080 at 30 fps. The V3820FDW is a powerful camera with clear sharp images and great features including Wide Dynamic Range (WDR), Remote Focus and Zoom and a built-in MicroSD slot for onboard storage.

For protection against harsh outdoor environments, the camera is encased in a weather-proof IP67-rated housing, making it impervious to rain and dust. Also with its IK10 rating, the camera is vandal resistant and can withstand 20 Joules of impact.

Most importantly the V3820FDW is fully integrated into our Verint EdgeVR® platform making it easy to adjust and maintain over its life. The camera also features easy installation with Auto Camera Config, Remote Password and Firmware Update, HTTPS support for secure connections, integrated camera image adjustment and more.

Key Features:

- Max. 2MP(1920x1080)@30fps resolution
- H.264 compression reducing bandwidth and storage needs
- Built-in megapixel motorized lens for remote zoom and focus
- Built-in IR illumination, effective up to 30 meters
- True WDR for better visibility
- Micro SDHC/SDXC memory slot
- IP67/IK10 rated protection
- DC12V and PoE power input
- ONVIF Profile S/G/Q compliance
- Powerful integration with our Verint EdgeVR recorders

VERINT®

Verint V3820FDW-DN

CAMERA FEATURES

Image Sensor	1/2.8"
Lens Type	f2.7mm~13.5mm, F1.4~2.8, Motorized
Optical Zoom	5X
Field of View	Wide 116°(H) 59°(V) (TBD), Tele 33°(H) 18°(V) (TBD)
Iris Control	DC Iris (Auto)
Minimum Illumination	Color: 0.006 Lux F1.4 B/W: 0 Lux when IR on
IR Distance	30M
Adjustable 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	1~1/30,000s
WDR	True WDR
Image Orientation	Off, Flip, Mirror, Both
Privacy Zone	8 Zones
Image Setting	Gain Control, WB, BLC, EV, Gamma Correction, 3DNR, Sharpness, Brightness, Contrast, Hue, Saturation, Picture-in-Picture (PIP)

VIDEO

Video Compression	H.265/HEVC Main Profile H.264 Main/High/Baseline Profile MJPEG
Maximum Frame Rate	3 simultaneous streams 1920x1080@30fps (H.264/H.265) Single: 2MP@30fps Dual: 2MP@30fps + 1280x720@30fps Triple: 2MP@30fps + 1280x720@30fps + 640 x 360@30 fps
System Frequency	60Hz/50Hz
Enhanced Codec	AdaptiveStream, Dynamic 3DNR
Bitrate Control	CBR/CVBR (H.264: 64~20000bps, H.265 : 64~8000bps), VBR, MJPEG

INTELLIGENT SOLUTION

Event Source	Schedule, Network Loss Detection
Event Handling	E-mail Notification (*JPG), OSD Indication, 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, HLS, ICMP, IGMP, IPv4/6, LDAP, NTP, RTSP/RTCP/RTP, RTMP, QoS, SMTP, SNMP v1/2c/3, TCP, TLS/TLS, UDP, UPnP, 802.1X, UPnP, 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	1 x Reset Button, 1 x Default Button 1x DC12V Terminal Block 1x RJ45 IEEE 802.3, 10/100 Base-T/TX
Web Browser	Internet Explorer 11, Mozilla Firefox, Chrome, Safari, Microsoft Edge
Memory	RAM 256MB, Flash 128MB
ONVIF Compliance	Profile S/G/Q, Test tool 20.06
Unit Configuration	Web Update, OSD Setting, Date & Time Setting, Multi-language, Account Management, Profile Management

MECHANICAL

Casing Material	Dome Bubble - Polycarbonate Dome Body - Aluminum Alloy
Weathering Resistance	IP67
Vandal Resistance	IK10
Dimension	Ø135mm x 112mm
Weight (camera only)	650g

ELECTRICAL

Power Source	PoE, DC12V
Power-over-Ethernet	IEEE 802.3af, Class 3
Power Consumption	7W (Max)

ENVIRONMENTAL

Operating Temperature	-30°C ~ 55°C
Cold Start Temperature	-20°C
Storage Temperature	-40°C ~ 60°C
Storage Humidity	90%, non-condensing

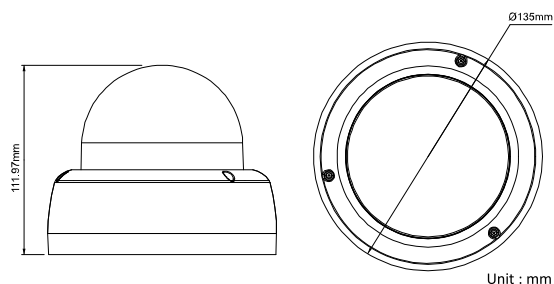
CERTIFICATION

CE/FCC	Class A
RoHS	Yes

COMPLIANCE

NDAA Compliant	Yes
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DIMENSIONS



* Specifications are subject to change without prior notice. Various test standards and conditions applied.

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