

Verint® V3520 FDW 1080p Outdoor Vandal Dome



The Verint® V3520 FDW is a fixed dome network camera specifically designed for diverse outdoor applications, with a 2MP sensor enabling a viewing resolution of 1920x1080 at a smooth 30 fps. Dynamic and highly adaptable, the V3520 FDW is an all-in-one camera capable of capturing high quality video at high resolutions of up to 2 Megapixels even in low light environments.

The V3520 FDW features Verint's sophisticated AdaptiveStream technology, allowing the camera to optimize image quality for desired regions, reducing bandwidth while maintaining image quality and storage requirements.

In order to adapt to constantly changing outdoor lighting conditions, the V3520 FDW features a removable IR-cut filter as well as IR illuminators effective up to 30M for superior image quality around the clock. For protection against harsh outdoor environments, the camera is encased in a weather-proof IP66-rated housing, making it impervious to rain and dust. The V3520 FDW is further strengthened by the adoption of rugged IK10 design housing.

Key Features:

- 2-Megapixel CMOS Sensor
- 30 fps @ 1920 x 1080
- Real-time H.264 and MJPEG Compression (Dual Codec)
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, Effective up to 30 Meters
- Built-in 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Supports ONVIF Standard to simplify integration and enhance interoperability
- Weather-proof IP66-rated and Vandal-proof IK10-rated Housing
- AdaptiveStream to Optimize Bandwidth Efficiency
- 3D Noise Reduction
- Smart IR Technology to Avoid Overexposure

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SYSTEM INFORMATION

CPU	Multimedia SoC (System-on-Chip)
Flash / RAM	128MB / 256MB

CAMERA FEATURES

Image Sensor	1/2.9" Progressive CMOS
Maximum Resolution	1920x1080 (2MP)
Lens Type	Vari-focal, Manual
Focal Length	f = 2.8 ~ 12mm
Aperture	F1.4 ~ F2.4
Auto-iris	DC-iris
Field of View	33.1° ~ 96.6° (Horizontal), 18.9° ~ 53.4° (Vertical), 35.3° ~ 101.9° (Diagonal)
Shutter Time	1/5 sec. to 1/32,000 sec.
WDR Technology	Software Enhanced
Minimum Illumination	0.05 Lux @ F1.4 (Color), 0.01 Lux @ F1.4 (B/W)
IR Illuminators	Built-in IR illuminators, effective up to 20 meters with Smart IR, IR LED*8
On-board Storage	MicroSD/SDHC/SDXC

VIDEO

Compression	H.264 & MJPEG
Maximum Frame Rate	30 fps @ 1920x1080
Maximum Streams	4 simultaneous streams
S/N Ratio	70.9 dB
Dynamic Range	69.4 dB
Video Streaming	Adjustable resolution, quality and bitrate; AdaptiveStream
Image Settings	Time stamp, text overlay, flip & mirror. Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks. Scheduled profile settings, 3D noise reduction, video rotation, defog

NETWORK

Users	Live viewing for up to 10 clients
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTPSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, SSL, TLS
Interface	10Base-T/100 BaseTX Ethernet (RJ-45)
ONVIF	Supported, specification available at www.onvif.org

INTELLIGENT VIDEO

Video Motion Detection	Five-window video motion detection
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ALARM AND EVENT

Alarm Triggers	Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection
Alarm Events	Event notification using HTTP, SMTP, FTP and NAS server, SD Card. File upload via HTTP, SMTP, FTP, NAS server and SD card

GENERAL

Connectors	RJ-45 for Network/PoE connection
LED Indicator	System power and status indicator
Power Input	IEEE 802.3af PoE Class 0
Power Consumption	Max. 8.5 W
Dimensions	Ø: 129 mm x 93 mm
Weight	Net: 590.6 g
Safety Certifications	UL, CE, FCC, LVD and CB
Operating Temperature	Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F)
Humidity	90%

SYSTEM REQUIREMENTS

Web Browser	Mozilla Firefox 7 ~ 43 (streaming only), Internet Explorer 7/8/9/10/11
Other Players	VLC: 1.1.11 or above, QuickTime: 7 or above

INCLUDED ACCESSORIES

Others	Quick installation guide
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World-Class Service and Support

At Verint, we are dedicated to the success of our partners and customers. To this end, we've developed world-class customer support programs and service offerings. Staffed by Verint experts in all facets of networked video deployment and use, Verint's Customer Support Program features live technical support, web-based resources, advanced replacements and a host of on-site professional services.

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