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
Verint V3520 FDW 1080p Outdoor Vandal Dome

SYSTEM INFORMATION
CPU Multimeda SoC (System-on-Chip)
Flash / RAM 128MB / 256MB

CAMERA FEATURES
Image Sensor 1/2.9" Progressive CMOS
Maximum Resolution 1920x1080 (2MP)
Lens Type Varifocal, 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, RTSP/RTTP/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

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

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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