Verint® V3420 RD
1080p Recess Mini Dome

The Verint® V3420 RD is an ultra-mini, recessed-mount fixed dome network camera, offering superb image quality up to 30 fps at 2-Megapixel resolution. Due to its compact design (only 60mm in diameter), the camera is able to blend into any indoor surveillance space such as retail, banks, restaurants, offices and other public areas.

Featuring True WDR, the V3420 RD provides superior visibility in high-contrast lighting environments and high-quality full-color surveillance video even under low-light conditions. Armed with Verint’s sophisticated AdaptiveStream technology, which allows the camera to optimize image quality for desired regions, reducing bandwidth while maintaining image quality and storage requirements.

As an all-in-one camera, the V3420 RD is designed for easy installation with PoE power, making setup both quick and simple. The camera is also completely compatible with Verint’s EDGE VMS and Enterprise VMS platforms. With all of these benefits and more, the V3420 RD will fulfill your surveillance needs.

Key Features

- 2-Megapixel CMOS Sensor
- 30 fps @ 1920 x 1080
- Real-time H.264 and MJPEG Compression (Dual Codec)
- True WDR (100dB) to Provide Extreme Visibility in High Light Contrast Scenes
- AdaptiveStream to Optimize Bandwidth Efficiency
- 3D Noise Reduction for Low-light Conditions
- 70° Tilt Lens
- Built-in IEEE 802.3af Compliant PoE
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
### TECHNICAL SPECIFICATIONS

#### SYSTEM INFORMATION
- **CPU**: Multimedia SoC (System-on-Chip)
- **Flash / RAM**: 128MB / 256MB

#### CAMERA FEATURES
- **Image Sensor**: 1/2.7" Progressive CMOS
- **Maximum Resolution**: 1920x1080 (2MP)
- **Lens Type**: Fixed-focal
- **Focal Length**: f = 2.8 mm
- **Aperture**: F1.8
- **Field of View**: 122° (Horizontal), 66° (Vertical), 142° (Diagonal)
- **Shutter Time**: 1/5 sec. to 1/32,000 sec.
- **WDR Technology**: True WDR
- **Minimum Illumination**: 0.15 Lux @ F1.8 (Color), < 0.01 Lux @ F1.8 (B/W)
- **On-board Storage**: Slot type: MicroSD/SDHC/SDXC card slot

#### VIDEO
- **Compression**: H.264 & MJPEG
- **Maximum Frame Rate**: 30 fps @ 1920x1080
- **Maximum Streams**: 3 simultaneous streams
- **S/N Ratio**: 66 dB
- **Dynamic Range**: 100 dB
- **Video Streaming**: Adjustable resolution, quality and bit rate; AdaptiveStream
- **Image Settings**: Adjustable image size, quality and bit rate; Time stamp, text overlay, flip & mirror; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks; Scheduled profile settings, 3DNR

#### AUDIO
- **Audio Capability**: One-way Audio
- **Compression**: G.711, G.726
- **Interface**: Built-in Microphone
- **Effective Range**: 5 Meters

#### NETWORK
- **Users**: Live viewing for up to 10 clients
- **Protocols**: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMPT, FTP, DHCP, NTP, DNS, DDNS, PPoE, 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 Triggers**: Motion detection, manual trigger, periodical trigger, system boot, recording notification, camera tampering detection, audio detection
- **Alarm Events**: Event notification using HTTP, SMPT, FTP, NAS server and SD Card File upload via HTTP, SMPT, 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 1
- **Power Consumption**: Max: 3.3 W
- **Dimensions**: Ø 60 x 115 mm
- **Weight**: Net: 138 g
- **Safety Certifications**: UL, CE, FCC, LVD and CB
- **Starting Temperature**: 0°C ~ 45°C (32°F~ 113°F)
- **Working Temperature**: -10 °C ~ 45°C (14°F~ 113°F)

#### 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
- **Others**: Quick installation guide

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