

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 bitrate; 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, 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, audio detection
• Alarm Events	Event notification using HTTP, SMTP, FTP, NAS server and 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 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
• Operating Temperature	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
INCLUDED ACCESSORIES	
• Others	Quick installation guide

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