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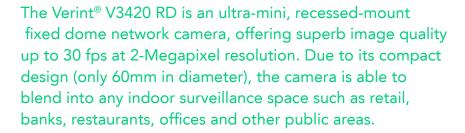
Featuring True WDR, the V3420 RD provides superior visibility in high-contrast lighting environments and high-quality full-color surveillance video even under low-light conditions. Armed with Verint's sophisticated AdaptiveStream technology, which allows the camera to optimize image quality for desired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

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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	MicroSD/SDHC/SDXC

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	Buit-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 2
Power Consumption	Max. 3.3 W
Dimensions	Ø: 60 x 115 mm
Weight	Net: 138 g
Safety Certifications	UL, CE, FCC, LVD and CB
Industry Compliance	NDAA Compliant
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

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.

The Customer Engagement Company™

Americas

info@verint.com

1-800-4VERINT

Europe, Middle East & Africa

info.emea@verint.com

+44(0) 1932 839500

Asia Pacific

info.apac@verint.com

+(852) 2797 5678

verint.com
twitter.com/verint
facebook.com/verint
blog.verint.com

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