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
Verint V3420 RD Recess Mini Dome

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, 3DR

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
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
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.