

Verint® V4420 Modular Camera system

Verint's 4420 is a high-performance Full-HD split-type camera system. Its discreet design, rich functionality and ability to be flexibly integrated into even the tightest spaces, make this camera ideal for indoor or covert surveillance of ATMs, banks, stores and offices.

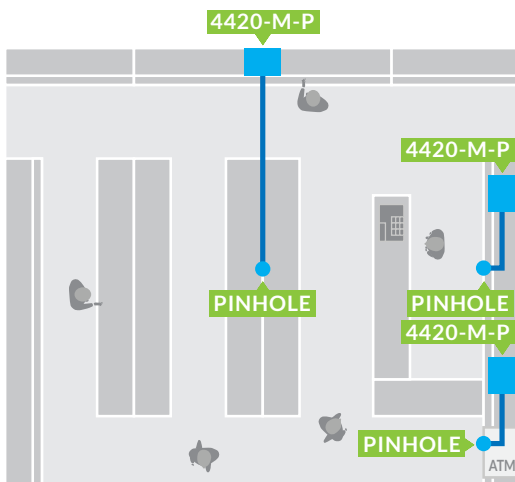
The 4420 features a separate camera unit and video core design, enabling the tiny camera unit (with 5-meter long cable) to be easily and flexibly installed into any decoration or interior design, thus preserving stylish appearances while dramatically saving on installation time and cost.

The 4420 offers two camera choices, A 2MP pinhole and a 2MP Wide format lens that can be used for 180 degree view. Both camera units incorporate a number of advanced features found in Verint cameras, including True WDR, AdaptiveStream technology, 3DNR, 802.3af compliant PoE, and on-board storage. All of these features and the 4420's unique design allow the camera units to capture clear images in high-contrast scenes, and to make this camera system the best possible solution for indoor surveillance when discretion is important.



Key Features

- Discreet, Recessed-Mount Camera Units
- 2 Camera Options: 2MP WDR Pinhole or 2MP WDR Fisheye Camera
- Two-Way Audio on Video Core
- Real-time H.264 and MJPEG Compression
- AdaptiveStream to Optimize Bandwidth Efficiency
- True WDR for Unparalleled Visibility in High Contrast Environments
- 3D Noise Reduction
- Video Rotation for Corridor View
- Built-in IEEE 802.3af Compliant PoE



Modular Camera System



ATM



Bank



Retail



Office

TECHNICAL SPECIFICATIONS: CAMERA UNITS		
MODEL	4420-M-P: PINHOLE	4420-M-W:180 DEGREE WIDE FORMAT
SPECIFICATIONS		
• Image Sensor	1/2.7" Progressive CMOS	
• Maximum Resolution	30 fps @ 1920x1080	
• Focal Length	f = 3.7 mm	f = 1.6 mm
• Aperture	F2.5	F2.0
• Field of View	93° (Horizontal), 48° (Vertical), 117° (Diagonal)	180° (Horizontal), 140° (Vertical)
• Shutter Time	1/5 sec. to 1/32,000 sec.	
• WDR Technology	True WDR	
• Minimum Illumination	1.10 Lux @ F2.5 (Color)	0.66 Lux @ F2.0 (Color)
• Pan/tilt/zoom Functionalities	ePTZ: 12x digital zoom	
• S/N Ratio	53 dB	47 dB
• Dynamic Range	100 dB	
• Dimensions	Ø 24 x 37 mm (Without cable)	Ø 24 x 43 mm (Without cable)
• Weight	221 g	
• Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)	
• Humidity	90%	
TECHNICAL SPECIFICATIONS: VIDEO CORE		
SYSTEM INFORMATION		
• CPU	Multimedia SoC (System-on-Chip)	
• Flash / RAM	128MB / 256MB	
• On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot	
VIDEO		
• Compression	H.264 & MJPEG	
• Video Source	1 Verint camera unit	
• Maximum Streams	4 simultaneous streams	
• Video Streaming	Adjustable resolution, quality and bitrate; Configurable video cropping for bandwidth saving 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, 3D noise reduction, video rotation	
AUDIO		
• Audio Capability	Two-way audio (full duplex)	
• Compression	G.711, G.726	
• Interface	External audio input; External audio output	
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, 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, digital input, periodical trigger, system boot, recording notification, camera tampering 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 connector for Network/PoE connection *1, RJ-12 connector for camera unit connection *1, Audio input *1, Audio output *1, DC 8-36V power input *1, Digital input *1, Digital output *1	
• LED Indicator	System power and status indicator	
• Power Input	DC 8~36V, IEEE 802.3af PoE Class 2	
• Power Consumption	Max. 5.5 W	
• Dimensions	105 (W) x 84 (D) x 30 (H) mm	
• Weight	119 g	
• Safety Certifications	CE, LVD, FCC Class B, VCCI, C-Tick	
• Operating Temperature	Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F)	
• Humidity	90%	
SYSTEM REQUIREMENTS		
• Operating System	Microsoft Windows 8/7/Vista/XP/2000	
• Web Browser	Mozilla Firefox 7~10 (streaming only), Internet Explorer 7.x or 8.x	
• Other Players	VLC: 1.1.11 or above, QuickTime: 7 or above	
INCLUDED ACCESSORIES		
• Others	Quick installation guide, warranty card, installation kit	

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