

# V4320 1080p Wide Dynamic Range Cameras

The Verint V4320 IP cameras provide high performance wide dynamic range (WDR) capture with true day/night capabilities that support low light surveillance.

## Advanced Technology for Optimal Exposure

The Verint V4320 IP cameras use the latest multi-shutter capture processing to provide an amazing 96dB WDR performance. With its cutting-edge sensor processing and built-in IR illuminators (dome models only), the V4320 provides superior image clarity in the most challenging lighting conditions – bringing even total darkness into view up to 25 meters (75 feet) away. This WDR high-definition 1080p camera offers the latest H.264 compression and delivers high resolution images at optimal bandwidth profiles.

## Powerful Imaging System to Record Greater Scene Details

The V4320FD-DN and V4320FDW-DN include a motorized 3-9mm lens with remote 3x zoom capabilities that provides a crisp image. With the ability to automatically focus on monitored areas, users can benefit from real-time improvements in camera performance in any scene.

The V4320 series offers ease of installation and setup helping minimize down time. Simply point the camera at the desired environment, turn the camera on and images are instantly in focus. In addition, optical zoom can be configured any time after installation to get a wider or closer view of the action.

Verint V4320® IP cameras are designed for mass deployment in retail, banking or enterprise installations for optimal high-resolution video surveillance efficiency.

## Powered by Verint

Verint V4320 IP cameras are fully integrated with Verint Enterprise Video Management Software (VMS) – centralized device management, automated health monitoring, remote video viewing, and more – and with other Verint solutions, including the Verint EdgeVR IP-based network video recorder.

Verint is the industry's broadest IP video portfolio, a single source for virtually every facet of your video operations, from cameras, encoders, and network video recorders to video viewing management, and analytics software. Designed to enhance any video network, Verint streamlines management of large, geographically dispersed video operations and helps organizations realize the benefits of IP video using their legacy video investments.



## Key Benefits

- 1080p high-definition resolution
- 96dB of WDR performance
- Motorized zoom and auto-focus for crisp images in any scene (FD/FDZ Models)
- IR Illuminator provides well-lit images even in complete darkness up to 25 meters (75')
- True day-night performance with removable IR cut filter (FD/FDW Models)
- 3-Axis Gimbal
- On-board audio and microSD storage
- PoE, 12V DC or 24V AC power capability

TECHNICAL SPECIFICATIONS			
MODELS	V4320FDW-DN	V4320FD-DN	V4320BX-DN
<b>AUDIO/VIDEO</b>			
• Video Resolution / Frame Rate	1080p 30 FPS/720p 30 FPS/ VGA 30 FPS		
• Video Compression	H.264 / MJPEG		
• Audio Compression	G.711/G.726		
<b>CAMERA</b>			
• Sensor	Sony Progressive CMOS – 1/2.8"		
• IR Illuminator	Yes (25 Meter Max Effective Range), 850nm		N/A
• Minimum Illumination	0.01lux (Color) / 0.001 (B/W) @ F1.2, 1/1 shutter speed, Max Gain		
• Lens Mount	Remote focus: Zoom triggered/manual/one push		N/A
• White Balance	Auto /ATW/Manual/One Push		N/A
• Electronic Shutter	1 sec - 1/10,000 sec		
• Wide Dynamic Range	WDR 96 dB		
• D/N Cut Filter	True Day/Night with Removable IR Cut Filter		
• Image Settings	Brightness, sharpness, contrast, saturation, hue, white balance, exposure control, backlight compensation, rotation (Flip/Mirror/Inverse/Corridor), text and image overlay, auto flip (Image/Mechanical/Off)		
• White Balance	Auto / Manual / ATW / Indoor / Outdoor		
• Digital Noise Reduction	3DNR / 2DNR		
<b>LENS</b>			
• Lens Mount	Board Mount		C-CS Mount
• Camera Angle Adjustment	Pan 0-355°, Tilt 0-80°, rotation -180°-180°		N/A
• Focal Length	3-9mm		Lens Not Included
• Focal Number	F1.2 (Wide) • F2.1 (Telephoto)		Lens Not Included
• FoV	135.6 (Wide) • 45.5 (Telephoto)		N/A
<b>OPERATION</b>			
• Application Function	4 sets Motion Detection Windows, 5 Privacy mask, On board recording on SD card, Camera tampering		
• Alarm Input/Output	1 Set 5V 10kΩ pull up (Input) / 1 Set Photo Relay Output 300V AC/DC (Output)		
• BNC Output	1.0 Vp-p/75ohms BNC		
• On-Board Storage	MicroSD 64GB Maximum		
<b>NETWORK</b>			
• Networking	10/100/1000 Ethernet (RJ-45)		
• Protocols	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, IEEE 802.1x, QoS, ONVIF Profile-S		
• Security	User Account and Password Protection, HTTPS, IP Filtering, 802.1X		
• Supported Web Browsers	IE (6.0+), Firefox*, Chrome*, Safari* *with limitations		
<b>GENERAL</b>			
• Operating Temperature	With heater: -30°C (-22°F) to 50°C (122°F) IP66 & IK10 compliant	-10° C (14°F) to 50°C (122°F)	
• Dimension	ø151 x 130 mm H (ø5.9" x 5.1" H)	ø149 x 99.53 mm H (ø5.9" x 3.9" H)	125 L x 82 W x 52 H mm (4.9" L x 3.2" W x 2.0" H) - NO LENS
• Weight	930g (2.05 lb)	524g (1.15 lb)	330g (0.73 lb)
• Power Source	802.3af Class 3 PoE or 12VDC or 24VAC		
• Power Consumption	20 W (with heater)	5.6W System + 3.6W IR led + 3.2W lens motor • Total max 12.4W	7W
• Environmental	IP66 • IK10		N/A
• Mount	Surface Mount (Wall, Pendant and Recess Mounts available)		1/4" x 20 UNC Top/Bottom Mounts
<b>CERTIFICATIONS</b>			
• USA	FCC / UL	FCC / UL	FCC / UL
• Europe / Asia	CE, RoHS, CB, CU TR, EN50121-4	CE, RoHS, CB, CU TR	CE, RoHS, CB, CU TR, EN50121-4

PART NUMBER	ACCESSORY TYPE	DESCRIPTION	COMPATIBILITY
MPL3-12	CS Mount Lens	3.3-12mm Varifocal CS Mount Lens, IR-corrected	V4320BX-DN
MPL9-22	CS Mount Lens	9-22mm Varifocal CS Mount Lens, IR-corrected	V4320BX-DN
MPL5-50	CS Mount Lens	5-50mm Varifocal CS Mount Lens, IR-corrected	V4320BX-DN
VPOE-2	External Housing	Weatherized Housing with Heater, Blower & Sunshield	V4320BX-DN
PM-V33-V43FD	Indoor Pendant Mount	Indoor Pendant Mount Adapter Cap	V4320FD-DN
WM-V33-V43FD	Indoor Wall Mount	Indoor Wall Mount Kit (L-Shape)	V4320FD-DN
IC-V33-43FD	Indoor Recess Mount	Indoor Recess Mount Adapter Kit	V4320FD-DN
PM-V33-43FDW	Outdoor Pendant Mount	Outdoor Pendant Mount Head with NPT threads	V4320FDW-DN
PM2-V33-43FDW	Outdoor Pendant Mount	Outdoor Pendant Mount Head for Use with WM-V33-43FDW	V4320FDW-DN
WM-V33-43FDW	Outdoor Wall Mount Arm	Requires PM2-V33-43FDW to Complete	V4320FDW-DN
WM-S-V33-43FDW	Outdoor Wall Mount Short Arm	Requires PM2-V33-43FDW to Complete	V4320FDW-DN
PL-V33-43FDW	Pole Mount Adaptor	Requires both PM2-V33-43FDW and WM-V33-43FDW	V4320FDW-DN
CM-V33-43FDW	Corner Mount Adaptor	Requires both PM2-V33-43FDW and WM-V33-43FDW	V4320FDW-DN
IC-V33-43FDW	Outdoor Recess Mount	Outdoor Recess Mount Adapter Kit	V4320FDW-DN

Note: Power supplies and bubble/ring replacement kits are available. Please reference the latest Price Book and Mounting Guide for more information.



## Verint. Powering Actionable Intelligence®

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