

# Verint V6050FD/FDW Fisheye IP camera with 360° surround view

Verint V6050 network fisheye cameras with 5MP resolution and 360 surround view. The V6050 delivers leading-edge image capture with crystal clear IP video streaming for excellent coverage of large, open areas.

## Crystal Clear Coverage over Expansive Areas

The V6050 from Verint offers a detailed 5MP sensor with superb image quality. Equipped with a fisheye lens for 180° panoramic view (wall mount) or 360° surround view (ceiling/floor/table mount) with no blind spots, the camera is able to provide extensive coverage of wide, open areas.

With the V6050, dewarping of the image can be done centrally, which means the full image is always captured and can be dewarped at any time, allowing users to enhance and look at multiple parts of each recorded image. This provides big advantages over traditional PTZ applications which only record what is being focused on in a given instant.

This configuration is an optimal solution for corridors, halls, lobbies, retail stores, and more. The 360° view reduces the need for additional camera and saves cost and complexity in these security environments.

## Powered by Verint

Verint V6050 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

- 5-Megapixel resolution
- Compatible with Verint Enterprise VMS and the EdgeVR network video recorder
- 802.3af/at compliant PoE
- Full IK10 and IP66
- -30C to +50C (-22F to 122F) temperature resistant

## TECHNICAL SPECIFICATIONS

## Verint V6050FD/FDW Fisheye IP camera with 360° surround view

MODELS	V6050FD-DN	V6050FDW-DN
<b>AUDIO/VIDEO</b>		
• Video Resolution/ Frame Rate	15 fps at 1920x1920, 30 fps at 1920x1080 - In all compression modes	
• Video Compression	H.264, MJPEG & MPEG-4	
• Audio Compression	AAC, G.711, G.726	
<b>CAMERA</b>		
• Sensor	1/2.5" Progressive CMOS in 2560 x 1920 resolution	
• Minimum Illumination	0.6 Lux @ F2.8 (Color), 0.01 Lux @ F2.8 (B/W)	
• Field of View	180° (Horizontal) / 180° (Vertical) / 180° (Diagonal)	
• Shutter Time	1/5 sec. to 1/32,000 sec.	
• Maximum Streams	3 simultaneous streams	
• Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving	
• WDR	Supported	
• Dynamic Range	Above 60 dB	
• D/ N Cut Filter	Removable IR-cut filter for day & night function	
• Image Settings	Time stamp, text overlay, flip & mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness, white balance, exposure control, gain, backlight compensation, privacy masks, pixel calculator, 3D-Noise reduction	
<b>OPERATION</b>		
• Pan/tilt/zoom Functionalities	ePTZ: 12x digital zoom (12x on IE plug-in)	
• Preset Locations	20	
• Video Motion Detection	Five-window video motion detection	
• Alarm Triggers	Video motion detection, manual trigger, digital input, periodical trigger, system boot, recording notification, camera tampering detection	
• Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server File upload via HTTP, SMTP, FTP and NAS server	
• On-Board Storage	MicroSD/SDHC/SDXC card slot	
<b>NETWORK</b>		
• Networking	10Base-T/100 BaseTX Ethernet (RJ-45)	
• Protocols	Pv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP, 802.1X, UDP, ICMP	
• Security	User Account and Password Protection • HTTPS, IP Filtering, 802.1X	
• Supported Web Browsers	Mozilla Firefox 7-10 (streaming only), Internet Explorer 7.x, 8.x, 9.x, 10.x	
<b>GENERAL</b>		
• Operating Temperature	-30C - 50C (-22F - 122K) with heater enabled (using 802.3at PoE Class 4) -10C - 50C (14F - 122F) with heater disabled (802.3af PoE Class 3)	
• Dimension	Ø:160 x 39 mm	Ø:160 x 51 mm
• Weight	589 g	794 g
• Power Source	D C 12V, IEEE 802.3at PoE Class 4, IEEE 802.3af PoE Class 3	
• Power Consumption	Max. 22 W (DC 12V), Max. 23 W (PoE+)	
• Enclosure	Surface mount - indoor	Weather-proof IP66-rated housing or Vandal-proof IK10-rated metal housing
<b>CERTIFICATIONS</b>		
• USA	FCC / UL	
• Europe/Asia	CE, ROHS, CB, CU TR	



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