

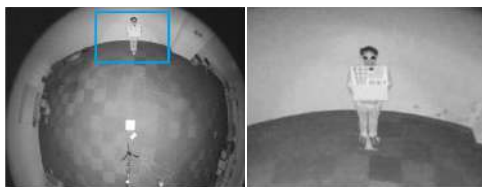
Verint V7120FD/ FDW Camera

Ultra Megapixel • 12MP CMOS Sensor
360° Surround View • 360° 10 Meter IR
Smart IR • 3DNR • IP66 • IK10

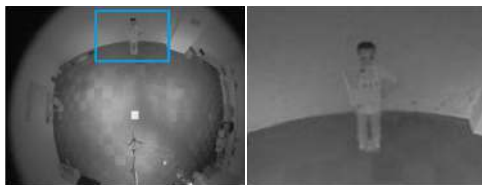
Verint's V7120 & 7120FDW are IP Ultra-Megapixel fisheye fixed dome cameras, featuring a 12-Megapixel CMOS sensor that delivers excellent image quality. Equipped with a 1.5 mm fisheye lens for 180° panoramic view (wall mount) or 360° surround view (ceiling/wall/floor mount) the cameras are able to provide total coverage and excellent situational awareness of wide, open areas, such as airports, shopping malls, parking lots, retail stores, branch banks, offices and more.

Both models are equipped with a removable IR-cut filter and WDR Enhancement technology, which helps the cameras to maintain ideal image quality and unparalleled visibility under high-contrast lighting environments.

The V7120FDW also features built-in IR LEDs, allowing the camera to see in very dark scenes with IR illumination uniformly through the 360° field of view up to 10 meters. The weatherized version of the camera is designed with a vandal-proof IK10- and IP66-rating allowing the camera to be mounted outdoors.



IR with High Uniformity



IR with Low Uniformity



Lobbies



Shopping Malls



Airports



Low Light



Key Features:

- 12-Megapixel CMOS Sensor
- 12 fps @ 2944x2944
- 1.5 mm Fisheye Lens for 180° Panoramic View and 360° Surround View
- Removable IR-cut Filter for Day & Night Function
- 360° 10 Meter IR (V7120FDW)
- H.264
- Virtual PTZ Dewarping
- 802.3at PoE Compliant
- Vandal-proof IK10-rated and Weather-proof IP66-rated Housing (V7120FDW)
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage

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Verint V7120FD/FDW Camera

TECHNICAL SPECIFICATIONS

Models	V7120FD: Ultra-Megapixel V7120FDW: Ultra-Megapixel, Built-in IR, IP66, IK10
SYSTEM INFORMATION	
CPU	Multimedia SoC (System-on-Chip)
Flash	256 MB
RAM	1GB
CAMERA FEATURES	
Image Sensor	1/2.3" Progressive CMOS in 4072x3046
Maximum Resolution	2944x2944
Lens Type	Fixed-focal
Focal Length	f = 1.5 mm
Aperture	F2.8
Field of View	180° (horizontal) 180° (vertical) 180° (diagonal)
Shutter Time	1/5 sec. to 1/8,000 sec.
WDR Technology	WDR Enhanced
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	0.75 Lux, 30 IRE (Color) <0.01 Lux, 30 IRE (BW)
Preset Locations	20
Pan/tilt/zoom Functionalities	ePTZ: 12x digital zoom
IR Illuminators	Built-in IR illuminators, effective up to 10 meters with Smart IR (V7120FDW) IR LED*6
On-board Storage	MicroSD/SDHC/SDXC card slot
VIDEO	
Compression	H.264, MJPEG
Maximum Frame Rate	12 fps @ 2944x2944
Maximum Streams	4 Simultaneous Streams
S/N Ratio	56dB
Dynamic Range	60dB
Video Streaming	Adjustable resolution, quality and bitrate Configurable video cropping for bandwidth saving
Image Settings	Time stamp, text overlay, flip & mirror, scheduled profile settings, configurable brightness/contrast/saturation/sharpness,, pixel calculator, 3D-Noise reduction, 2D-Noise reduction, white balance, exposure control, gain, backlight compensation, privacy masks
AUDIO	
Audio Capability	Audio input/output (full duplex)
Compression	AAC, G.711, G.726
Interface	Built-in Microphone External Microphone input External Line output
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	10 Base-T/100 BaseTX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.
ONVIF	Profile S

INTELLIGENT VIDEO

Video Motion Detection	Five-window video motion detection
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ALARM AND EVENT

Alarm Triggers	Motion detection, manual trigger, digital input, system boot, recording notification, camera tampering detection, audio detection
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP and NAS server

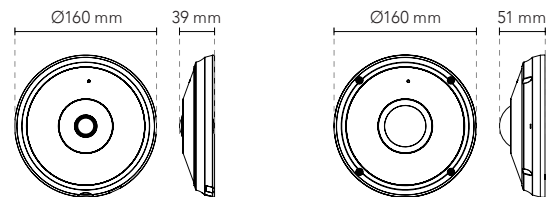
GENERAL

Connectors	RJ-45 for Network/PoE connection, Audio input *1, Audio output *1, DC 12V Power input, Digital input *1 Digital output *1
LED Indicator	System power and status indicator
Power Input	DC 12V, IEEE 802.3at PoE Class 4
Power Consumption	V7120FD: DC12V 11.2W/POE 12.3W V7120FDW: DC12V 21.7W/POE 23.4W
Dimensions	V7120FD: Ø 160 x 39 mm, V7120FDW: Ø 160 x 51 mm
Weight	V7120FD: 597 g, V7120FDW: 805 g
Casing	Weather-proof IP66-rated housing (V7120FDW) Vandal-proof IK10-rated metal housing (V7120FDW)
Safety Certifications	V7120FD: CE, LVD, VCCI, C-Tick, UL, FCC Class B V7120FDW: CE, LVD, VCCI, C-Tick, UL, FCC Class A
Operating Temperature	V7120FD: Starting Temperature: 0°C ~ 50°C (32°F ~ 122°F) Working Temperature: -10°C ~ 50°C (14°F ~ 122°F) V7120FDW: Starting Temperature: -25°C ~ 50°C (-13°F ~ 122°F) Working Temperature: -40°C ~ 50°C (-40°F ~ 122°F)
Warranty	36 months

SYSTEM REQUIREMENTS

Web Browser	Mozilla Firefox: 7 or above (streaming only) Chrome: 17 or above (streaming only) Safari: 5.1.4 or above (streaming only) Internet Explorer 7/8/9/10/11
Other Players	VLC: 1.1.11 or above QuickTime: 7 or above

DIMENSIONS



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