

# Verint V7620 PTZ Camera



1080P Full HD • 30x Zoom • WDR Pro • NEMA 4X • IP68  
IK10 • -40°C ~ 55°C • EIS • 60W UPoE

VERINT's v7620 IP PTZ 1080P speed dome with 30x optical zoom allows the camera to capture fine details at high quality. The camera optimizes the image and bandwidth usage using our Adaptivestream technology and is capable of reducing both bandwidth and storage consumption by up to 50%\*

The V7620 is also equipped with WDR Pro technology and IR-cut filter for seamless day/night operation enabling the camera to work in challenging lighting conditions. Other features include IP68, vandal-proof IK10 and NEMA 4X-rated housing which protects the camera body against rain, dust, corrosion and provides a wide operating-temperature between -40°C and 55°C.

This combination of ruggedness and high performance ensures that the V7620 is suitable for monitoring harsh indoor or outdoor spaces such as airports, highways and parking lots where high-level reliability and excellent image quality are needed.

## Key Features:

- 1080P Full HD CMOS Sensor
- 60 fps @ 1920x1080
- 30x Optical Zoom
- Removable IR-cut Filter for Day & Night Function
- 360° Continuous Pan and 220° Tilt
- WDR Pro for Unparalleled Visibility in High Contrast Environments
- Adaptivestream to Optimize Bandwidth Efficiency
- Weather-proof IP68-rated, Vandal-proof IK10-rated and NEMA4X Housing
- -40°C ~ 55°C Wide Temperature Range for Extreme Weather Conditions
- Auto Tracking for Moving Objects
- Built-in MicroSD/SDHC/SDXC Card Slot for On-board Storage
- Electronic image Stabilization



Airports



Shipping Ports



City Surveillance



Extreme Weather

# VERINT.

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## TECHNICAL SPECIFICATIONS

### SYSTEM INFORMATION

CPU	Multimedia SoC (System-on-Chip)
Flash	128MB
RAM	512MB

### CAMERA FEATURES

Image Sensor	1/2.8" Progressive CMOS 1/3" Progressive CMOS
Maximum Resolution	1920x1080 (2MP)
Lens Type	30x Optical Zoom, Auto Focus
Focal Length	f= 4.3 ~ 129 mm
Aperture	F1.6 ~ F4.7
Auto-iris	DC-iris
Field of View	2° ~ 59° (Horizontal) 2° ~ 45° (Vertical) 3° ~ 71° (Diagonal)
Shutter Time	1/8 sec. to 1/30,000 sec.
WDR Technology	WDR Pro
Day/Night	Removable IR-cut filter for day & night function
Minimum Illumination	0.42 Lux @ F1.6 (Color) 0.01 Lux @ F1.6 (B/W)
Pan Speed	0.05° ~ 450°/sec.
Pan Range	360° endless
Tilt Speed	0.05° ~ 450°/sec.
Tilt Range	220° (-110° ~ +110°)
Preset Locations	256 preset locations, 128 presets per tour
Pan/tilt/zoom Functionalities	128x digital zoom (4x on IE plug-in, 32x built-in) Auto pan mode Auto patrol mode
On-board Storage	Slot type: MicroSD/SDHC/SDXC card slot Seamless Recording

### VIDEO

Compression	H.264, MJPEG
Maximum Frame Rate	H.264: 60 fps @ 1920x1080 MJPEG: 30 fps @ 1920x1080
Maximum Streams	4 simultaneous streams
S/N Ratio	53 dB
Dynamic Range	110 dB
Video Streaming	Adjustable resolution, quality and constant bit rate control; Smart Stream II
Image Settings	Time stamp, text overlay, flip & mirror; Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks (up to 24); Scheduled profile settings, EIS, 3DNR, defog, HLC

### AUDIO

Audio Capability	Two-way Audio (Full duplex)
Compression	G.711, G.726
Interface	External microphone input External line 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, NTCIP, 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
Auto-Tracking	Auto-tracking on moving object

### ALARM AND EVENT

Alarm Triggers	Motion detection, manual trigger, digital input, system boot, recording notification, audio detection
Alarm Events	Event notification using digital output, HTTP, SMTP, FTP, NAS server and SD Card. File upload via HTTP, SMTP, FTP, NAS server and SD card

### GENERAL

Connectors	RJ-45 cable connector for Network/PoE connection Audio input, Audio output, 24VDC / 24VAC power input Digital input*4, Digital output*2, RS-485
LED Indicator	System power and status indicator
Power Input	24VDC, 24VAC, 60W UPoE
Power Consumption	Max. 48/26 W (Heater on/off)
Dimensions	Ø 162 x 221 mm
Weight	4.35 kg (with bracket), 2.95 kg (without bracket)
Casing	Weather-proof IP68-rated, Vandal-proof IK10-rated, and NEMA 4X-rated mated housing
Safety Certifications	CE, FCC Class A, VCCI, C-tick, UL, NEMA 4X
Operating Temperature	Starting Temperature: -40°C ~ 55°C (-40°F ~ 131°F) Working Temperature: -40°C ~ 55°C (-40°F ~ 131°F)
Humidity	60W UPoE
Warranty	36 months

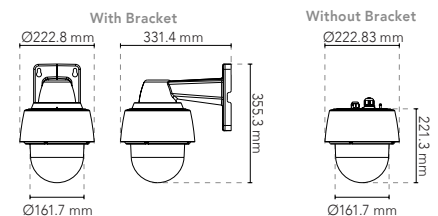
### SYSTEM REQUIREMENTS

Web Browser	Mozilla Firefox 7-43 (streaming only) Internet Explorer 10/11
Other Players	VLC: 1.1.11 or above, Quicktime: 7 or above

### INCLUDED ACCESSORIES

In the Box	Wall mount bracket*, I/O combo cable*, screws, waterproof connectors, quick installation guide, alignment sticker, L-wrench, desiccant bags
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### DIMENSIONS



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