

Verint® V4530 BX 1080p Fixed Box

The Verint® V4530 BX is a brand-new professional H.264 box network camera offering up to 30 fps at 3-Megapixel with superb image quality. By utilizing Verint's sophisticated AdaptiveStream technology, the camera is able to optimize resolution for a desired object or area and thus maximize bandwidth usage.

Using AdaptiveStream the 4530 BX can reduce bandwidth and storage consumption while maintaining high image quality. This unique combination of high resolution and low storage consumption make the V4530 BX suitable for a wide range of video surveillance applications, including government and industrial buildings, retail environments, airports, railway stations and schools.

Additionally, employing WDR allows the camera to capture both the dark and bright areas of an image, combining the differences to create a highly realistic representation of the original scene. Further enhancing the camera's ability to adapt to its environment, precise software controls maintain the iris opening of the V4530 BX's lens at an optimal level at all times, resulting in superior sharpness as well as depth of field. Finally, the V4530 BX is also equipped with Verint's RBF (Remote Back Focus) System, empowering the installer to adjust focus both precisely and with greater flexibility.



Key Features

- H.264 Compression Technology
- 30 fps @ 2048x1536
- P-iris Lens
- AdaptiveStream to Optimize Bandwidth Efficiency
- True WDR for Unparalleled Visibility in High Contrast Environments
- Remote Back Focus for Easy Focus Adjustments
- Video Rotation for Corridor View
- Gigabit Ethernet for High Speed of Transmission
- Snapshot Focus
- DIS (Digital Image Stabilization)

TECHNICAL SPECIFICATIONS

SYSTEM INFORMATION

• CPU	Multimedia SoC (System-on-Chip)
• Flash / RAM	128MB / 256MB

CAMERA FEATURES

• Image Sensor	1/2.8" Progressive CMOS
• Maximum Resolution	2048x1536 (3MP)
• Lens Type	Vari-focal, Manual
• Focal Length	f = 2.8 ~ 8mm
• Aperture	F1.2 ~ F1.95
• Auto-iris	P-Iris
• Field of View	51°~114° (Horizontal), 39°~84° (Vertical), 63°~143° (Diagonal)
• Shutter Time	1/5 sec. to 1/16,000 sec.
• WDR Technology	WDR
• Day/Night	Removable IR-cut filter for day & night function
• Minimum Illumination	0.01 Lux @ F1.2 (Color), 0.001 Lux @ F1.2 (B/W)
• On-board Storage	Slot Type: MicroSD/SDHC/SDXC card slot. Seamless Recording

VIDEO

• Compression	H.264 & MJPEG
• Maximum Frame Rate	H.264, 30fps @ 2048x1536, MJPEG, 15fps @ 2048x1536
• Maximum Streams	3 simultaneous streams
• S/N Ratio	60 dB
• Dynamic Range	100 dB
• Video Streaming	Adjustable resolution, quality and bitrate, AdaptiveStream
• Image Settings	Time stamp, text overlay, flip & mirror. Configurable brightness, contrast, saturation, sharpness, white balance, exposure control, gain, backlight compensation, privacy masks. Scheduled profile settings, video rotation, 3DNR, defog, Snapshot Focus, Lens Profile, DIS

AUDIO

• Audio Capability	Two-Way Audio (full duplex)
• Compression	G711, G726
• Interface	External microphone input. 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, UDP, ICMP, ARP, SSL, TLS
• Interface	10 Base-T/100 Base-TX/1000 Base-T Ethernet (RJ-45)
• ONVIF	Supported, specification available at www.onvif.org

INTELLIGENT VIDEO

• Video Motion Detection	Five-window video motion detection
• VCA (Available per project request.)	Line crossing detection, field detection, loitering detection

ALARM AND EVENT

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

GENERAL

• Smart Focus System	Remote Back Focus via UI
• Connectors	RJ-45 cable connector for 10/100/1000Mbps, Network/PoE connection, Audio input, Audio output DC 12V power input, AC 24V Power input, Digital input*3, Digital output*1
• LED Indicator	System power and status indicator
• Power Input	DC12V/AC 24V, IEEE 802.3af/at PoE Class 0
• Power Consumption	Max: 8.6 W
• Dimensions	210 (D) x 70 (W) x 63 (H) mm
• Weight	623 g
• Safety Certifications	UL, CE, FCC, LVD and CB
• 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

• Web Browser	Mozilla Firefox 7~10 (streaming only), Internet Explorer 7/8/9/10/11
• Other Players	VLC: 1.1.11 or above, QuickTime: 7 or above

INCLUDED ACCESSORIES

• Others	Quick installation guide
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