Verint® V4530 BX 3MP 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
- AdaptiveStream to Optimize Bandwidth Efficiency
- True WDR for Unparalleled Visibility in High Contrast Environments
- Remote Back Focus for Easy Focus Adjustments
- DIS (Digital Image Stabilization)

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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	Lens Optional
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	MicroSD/SDHC/SDXC

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	10Base-T/100 BaseTX 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 10/100/1000Mpbs, 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	DC12 V/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 ~ 43 (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

World-Class Service and Support

At Verint, we are dedicated to the success of our partners and customers. To this end, we've developed world-class customer support programs and service offerings. Staffed by Verint experts in all facets of networked video deployment and use, Verint's Customer Support Program features live technical support, web-based resources, advanced replacements and a host of on-site professional services.

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