The Verint® V4530 FD is a brand-new professional H.264 high efficiency indoor dome network camera, offering 30 fps @ 3-Megapixels with outstanding image quality.

Verint’s sophisticated AdaptiveStream enables the camera to optimize resolution for a desired object or area and therefore to maximize efficiency of bandwidth usage. Using AdaptiveStream, the V4530 FD can reduce both bandwidth and storage consumption while producing high quality images.

As a professional day/night camera, the V4530 FD is also equipped with True WDR, empowering users to enjoy superb image detail in any lighting condition. Built-in IR illuminators can light up to 30 meters from the camera and the motorized focus and zoom can be controlled remotely so that ideal image quality can be maintained easily.

Key Features

- H.264 Compression Technology
- 1/2.8” Progressive CMOS Sensor
- Up to 2048x1536
- AdaptiveStream to Optimize Bandwidth Efficiency
- WDR for Unparalleled Visibility in High Contrast Environments
- Built-in IR Illuminators, Effective up to 30 Meters
- Remote focus and zoom for easy adjustments
- Video Rotation for Corridor View
- P-iris Lens
- DIS (Digital Image Stabilization)
### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>SYSTEM INFORMATION</th>
<th>CPU</th>
<th>Multimedia SoC (System-on-Chip)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Flash / RAM</td>
<td>128MB / 512MB</td>
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</table>

#### CAMERA FEATURES

- **Image Sensor**: 1/2.8” Progressive CMOS
- **Maximum Resolution**: 2048x1536 (3MP)
- **Lens Type**: Vari-focal
- **Aperture**: F1.2~F2.3
- **Auto-iris**: P-iris
- **Field of View**: 41° ~ 64° (Horizontal), 31° ~ 64° (Vertical), 51° ~ 113° (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)
- **IR Illuminators**: 30 meters
- **On-board Storage**: Slot Type: MicroSD/SDHC/SDXC card slot.

#### VIDEO

- **Compression**: H.264 & MJPEG
- **Maximum Frame Rate**: H.264, 30fps @ 2048x1536, MJPEG, 15fps @ 2048x1536
- **Maximum Streams**: 3 simultaneous streams
- **S/N Ratio**: 43 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, 3DNR, video rotation, defog, DIS

#### AUDIO

- **Audio Capability**: Two-Way Audio (full duplex)
- **Interface**: External microphone input. Audio output
- **Effective Range**: 5m

#### NETWORK

- **Users**: Live viewing for up to 10 clients
- **Protocols**: IPv4, IPv6, TCP/IP, HTTP, HTTPS, OMP, RTP, RTSP, RTPT, RTCP, IGMP, SMPT, FTP, DHCP, NTP, DNS, DSN, PPRP, CoS, QoS, SNMP, RDP, ARP, RPL, 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

*Supported specification available at www.onvif.org

#### INTELLIGENT VIDEO

- **Video Motion Detection**: Five-window video motion 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 Network/PoE connection, Audio input. Audio output. DC 12V power input. Digital input*1. Digital output*1
- **LED Indicator**: System power and status indicator
- **Power Input**: DC 12 VAC / 24V DC IEEE 802.3AF / 3AT PoE Class 0
- **Power Consumption**: Max: 12 W
- **Dimensions**: Ø: 138 x 103 mm
- **Weight**: 530 g
- **Safety Certifications**: UL, CE, FCC, V-Commerce 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 3.1.11 or above, QuickTime 7 or above
- **Others**: Quick installation guide, screw pack, alignment sticker

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