

i-Series Standard IP Camera



Driving IP-based physical security
through global standardization

VN6xEHi Night Vision Outdoor IR Camera

H.264 / M-JPEG Dual Stream, 1/3 inch Sony 960H Ex-view HAD CCD II, Day/Night, Standard PoE, Night Vision with IR LED's, Motorized Zoom Lens, IPv4 & IPv6 Compatible

Model: VN6xEHi



VN6xEHi is an outdoor night vision IR camera with 30M IR distance. State-of-the-art IR technology has been adopted onto this item, which prevents any saturation of image due to intense IR light.

IP67 weather proof enclosure and convenient cable managed bracket provides a rugged and installer-friendly solution for any outdoor surveillance application.

Conformant with ONVIF Core 1.02.

Features

- 1/3" Sony 960H Ex-view HAD CCD II
- 650TVL(Color Mode in Daytime)/ 700TVL(BW mode in Night time)
- New Color Signal Processing for High Color Reproduction
- 2D DNR(Digital Noise Reduction)
- ATR(Adaptive Tone-Curve Reproduction)
- Diverse White Balance (ATW, Push, Push Lock, User 1/2, Anti Color Rolling, Manual)
- Highlight Compensation



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- Dynamic and Static White Blemish Compensation
- Patented intelligent IR technology
- 30M IR distance and extended IR life span
- X4 optical zoom with 2.8-12mm motorized zoom lens
- IP67 rated weather-proof
- Cable managed bracket
- Extended IR life span
- Dual Streaming of H.264 and M-JPEG
- Up to 30 frames per second at all image resolutions
- Supports image resolutions up to D1
- IPv4 & IPv6 compatible
- Integrated motion detection with pre- and post-alarm image/video buffering
- Event-triggered FTP and email upload of still images and videos
- Full Duplex Two-Way Audio Support(Optional)
- Digital PTZ
- UPnP supported
- 1 Port analog video loop-out port
- External microphone input & speaker output connector (Option)
- Terminal block for external sensors devices
- Supports CBR (constant bit rate) and VBR (variable bit rate) modes
- Controllable frame rate
- Video access through any standard Web browser
- Privacy Masking up to 4 areas
- Supports IEEE 802.3af Power over Ethernet injectors, mid- and end-spans
- Integrated HTTP Web server supporting 50 simultaneous user connections
- HTTPS supported (Hyper Text Transfer Protocol Secured)
- Integrated E-Mail, FTP, DDNS and DHCP client
- Extensive CGI API for software integration and remote programming operations
- Includes Windows based IP Installer and License-free 16 channel NVR(Network Video Recorder) software

Specifications

| Classification | | Specification |
|----------------|--------------|--|
| General | CPU | 32-bit ARM9 RISC CPU up to 533MHz, 32KB I/D-Cache, MMU |
| | Video Buffer | 16Mbyte Video Frame Buffer |
| | Flash | 16 Mbyte Flash Memory |
| | SDRAM | 256Mbyte |



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|---|---|--|
| Image Pickup | Image sensor | 1/3" Sony 960H Ex-view HAD CCD II |
| | Effective Pixels | NTSC : 976(H) x 494(V), PAL : 976(H) x 582(V) |
| | H. Resolution | 650TV Lines(Color)/ 700TV Lines(B/W) |
| | Synchronizing system | Internal |
| | Scanning system | NTSC : 525 Lines PAL : 625 Lines 2:1 Interlaced |
| | S/N Ratio | More than 52dB (AGC Off) |
| | Min. Illumination | 0Lux (IR On) |
| | Shutter Speed | NTSC:1/60~1/100,000 sec. PAL:1/50~1/100,000 sec. |
| | Gamma Correction | Standard $\gamma = 0.45$ |
| | Lens (Standard) | 2.8-12mm Motorized zoom lens |
| Lens(Optional) | 3.6mm/ 6mm Fixed Iris lens | |
| Video | Video compression | H.264 baseline profile, Motion JPEG |
| | Resolutions | Up to D1(NTSC:720X480, PAL:720X576) |
| | Frame rate | H.264 Up to 30fps at D1 |
| | | MJPEG Up to 30fps at D1 |
| | Video streaming | Support multi stream with H.264, MJPEG |
| | | Adjustable frame rate |
| | | VBR/CBR in H.264 |
| | Pan/Tilt/Zoom | Digital PTZ |
| | Image setting | Day & Night |
| | | Auto White Balance |
| Auto Exposure | | |
| Effect - Color, Sharpness, Mirror/V-Flip, etc. | | |
| BNC x1, 1.0Vp-p, 75 ohm Composite Video, NTSC/PAL | | |
| Privacy Mask | | |
| Output | Effect - Color, Sharpness, Mirror/V-Flip, etc. | |
| Output | BNC x1, 1.0Vp-p, 75 ohm Composite Video, NTSC/PAL | |
| Audio (Option) | Audio streaming | Two-way, full duplex |
| | Audio compression | G.711 |
| | Sample Rate | 8KHZ |
| | Data Rate | 64Kbps |
| | Audio input | Microphone input / 1 x Line-In (Mono) |
| | Audio output | Line output/ 1 x Line-Out (Mono) |
| Network | Security | Password protection |
| | | User access log |

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|--------------------|--|---|----------------------|
| | | HTTPS encryption | |
| | Supported protocol | HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP | |
| | | RTSP, RTP, TCP, UDP, ICMP, DHCP | |
| System integration | Intelligent video | Motion detection up to 1280x720 with 32x24 blocks | |
| | Alarm trigger | Motion detection | |
| | | External input/Normal Open/Close Type | |
| | Alarm events | File upload via ftp, e-mail | |
| | | Notification via email, FTP and TCP | |
| | Video buffer | 16MB pre-alarm and post-alarm | |
| | Recording | Save to Micro SD card with event mode and continuous mode | |
| | Firmware upgrade | Remote upgrade via network | |
| API | CGI Interface document | | |
| | ActiveX Interface(ocx(dll) + document) | | |
| Physical | RESET Button | 1 x Factory Reset Button | |
| | Power Source | DC 12V/1.5A, PoE(Power over Ethernet): 802.3af | |
| | Power Consumption | Max. 5.5W | Max. 7.2W with IR On |
| | Net Weight | 520g Appr.(Camera Only) | |
| | LED's | Power, Network Connection | |
| | Dimension | 134(Ø) x91.7(H) | |
| Environment | Operating Temperature | -25 degree~50 degree Celsius (-13F~122F) | |
| | Storage Temperature | -25 degree~60 degree Celsius (-13F~140F) | |
| Software | Included Software | NVR Lite (16 Channel), IP Installer (Windows Only) | |
| Package | Package Contents | Network Camera, Use Manual, External Power Adaptor, Software CD | |

■ Specifications are subject to change without prior notice to enhance performance and stability

Dimension

