

i-Series Standard IP Camera



Driving IP-based physical security
through global standardization

VN7xEHi 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: VN7xEHi



*VN7xEHi is an outdoor night vision IR camera with more than **50M IR distance**.*

Intelligently designed, the VN7xEHi provides motorized lens control which allows precise focus and zoom locally or remotely.

State-of-the-art IR technology includes variable IR output to prevent oversaturation as well as extended IR lifespan.

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)



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- Highlight Compensation
- Dynamic and Static White Blemish Compensation
- Patented intelligent IR technology
- 50M IR distance and extended IR life span (with 5-50mm Motorized zoom lens)
- 30M IR distance and extended IR life span (with 2.8-12mm Motorized zoom lens)
- X10 optical zoom with 5-50mm 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

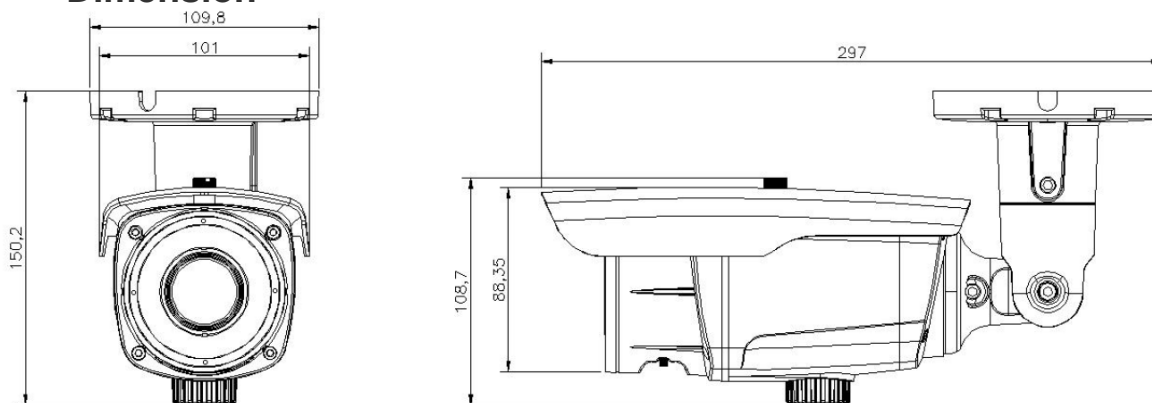


	Flash	16 Mbyte Flash Memory
	SDRAM	256Mbyte
Image Pickup	Image sensor	1/3" Sony 960H Ex-view HAD CCD II
	Effective Pixels	NTSC : 976(H) x 494(V), PAL : 976(H) x 582(V)
	H. Resolution	650TV Lines(Color)/ 700TV Lines(B/W)
	Synchronizing system	Internal
	Scanning system	NTSC : 525 Lines PAL : 625 Lines 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)	5-50mm Motorized zoom lens
Lens(Optional)	2.8-12mm Motorized zoom 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	
		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



VISION

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