

Day/Night Vandal Proof IP Camera

NVIP-HDN4000VP



- Mechanical IR cut filter
- Real-time video and audio transmission through the network
- Video stream compression, resolution, speed and quality defining
- Additional BNC analogue output
- Software: NMS (NOVUS MANAGEMENT SYSTEM) for video recording, live monitoring, playback and remote IP devices administration

MPEG-4 or M-JPEG
25 fps for D1 resolution
Alarm Input/Output
RTP/RTSP

NVIP-HDN4000VP cameras generate high quality video stream in D1 resolution with the recording speed of up to 25 fps utilizing MPEG-4 or M-JPEG compression. All camera parameters can be remotely set up via IE or NMS software. Implemented deinterlacing filter prevents blurred picture effect. Apart from Ethernet port, the camera is equipped with BNC output that can be used for service purposes or utilized in analogue systems.

Superior CCD technology, in comparison with commonly used CMOS technology, guarantees high sensitivity (0.05 lx/F=1.2). Built-in mechanical IR cut filter allows for generating high quality images in low light conditions and cooperating with external IR illuminators.

The camera can be integrated with other system elements via alarm inputs and outputs. Moreover, it has audio input for microphone connection and IP 65 vandal proof housing.

Specifications

Model	NVIP-HDN4000VP
Pick-up Element	1/3" SONY Super HAD CCD imager
Horizontal resolution	540 TVL - color mode, 600 TVL - B/W mode
Min. Illumination	0.5 lx/F=1.2 - color mode, 0.05 lx/F=1.2 - B/W mode
S/N Ratio	More than 48 dB (AGC Off)
Electronic Shutter	Auto: 1/50 s ~ 1/100 000 s/Manual: 1/50 s
Back Light Compensation (BLC)	On/Off
Day/Night Switching	Auto
Flickerless Function	On/Off
Lens type	Auto iris DC: f=4 ~ 9 mm
Angle of View (H)	62° ~ 29°
Enclosure	Vandal proof, coated aluminium, impact resistant poly-carbonate bubble
Degree of protection	IP 65
Video Output	1.0 V _{pp} /75 Ohm (BNC)
Video Compression	MPEG-4/M-JPEG
Audio Input/Output	1/1
Audio Compression	PCM, a-LAW, μ-LAW
Resolution	D1 (720 x 576), 4CIF (704 x 576), VGA (640 x 480), 2CIF (704 x 288), CIF (352 x 288), QVGA (320 x 240), QCIF (176 x 144)
Alarm Input/Output	1/1
Alarm Output Characteristics	Optocouplers max. 100 mA/30 V
Frame Rate	Up to 25 fps for each resolution
Motion Detection	Hardware
Time Synchronization	Automatic time synchronization with NTP server
Network Protocols Support	HTTP, NTP, DDNS, DHCP, UDP, TCP, RTP, RTSP
Software	NMS (NOVUS MANAGEMENT SYSTEM)
Power Supply	12 VDC (230 VAC/12 VDC PSU in-set included)
Operating Temperature	0°C ~ 60°C