

## Day/Night Vandal Proof IP Camera NVIP-HDN4000VP



### Features

- Mechanical IR cut filter
- IR operation capability
- Horizontal resolution: up to 600 TVL
- Min. Illumination: 0.05 lx/F= 1.2
- Analogue video output
- Audio input and output
- Alarm input and output
- Degree of protection: IP 65
- Vandal proof housing
- Built-in webserver: real-time video and audio compression and network transmission
- Compression: MPEG-4 or M-JPEG
- Video capturing/transmission 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)
- RTP/RTSP protocol support for video and audio transmission
- Support for data transmission
- Hardware motion detection
- Software: NMS (NOVUS MANAGEMENT SYSTEM) for video recording, live monitoring, playback and remote IP devices administration)
- Power supply: 12 VDC (230 VAC/12 VDC PSU in-set included)

Specifications	Description
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
Auto Gain Control (AGC)	On/Off
White Balance	Auto
Back Light Compensation (BLC)	On/Off
Synchronization	Internal
Day/Night Switching	Auto
Lens type	Auto iris DC: f=4 ~ 9 mm
Angle of View (H)	62° ~ 29°

Specifications	Description
Flickerless Function	On/Off
Other Functions	Mirror, Gamma correction On/Off
Enclosure	Vandal proof, coated aluminium, impact resistant poly-carbonate bubble
Degree of protection	IP 65
Video Output	1 x BNC - Loop-through (1.0 Vp-p/75 Ohm)
Video Compression	MPEG-4/M-JPEG
Audio Input	1
Audio Output	1
Audio Compression	PCM, a-LAW, u-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	1
Alarm Output	1
Alarm Output Characteristics	Optocouplers max. 100 mA/30 V
Frame Rate	Up to 25 fps for each resolution
External Ports	1 x Ethernet - RJ-45 interface (10/100 Mbit/s), 1 x RS-485 for telemetry receivers, 1 x RS-232
Deinterlacing Filter	Hardware
Motion Detection	Hardware
Data Encryption	AES* (independent stream encryption: video, audio and data)
Time Synchronization	Automatic time synchronization with NTP server
Network Protocols Support	HTTP, FTP*, SMTP*, NTP, DDNS, DHCP, UDP, TCP, RTP, RTSP,
Software	NMS
Power Supply	12 VDC (230 VAC/12 VDC PSU in-set included)
Power Consumption	11.4 W
Operating Temperature	0°C ~ 60°C
Dimensions (mm)	140 (Ø) x 112 (H)
Weight	1.268 kg
*	available soon