NOVUS®

Professional solution for your security systems

Day/Night Megapixel IR Bullet IP Camera
NVIP-3DN7560H/IRH-2P

7000 IP SERIES

Features

- Mechanical IR cut filter
- IR operation capability
- Imager resolution: 3.0 megapixels
- Min. Illumination: from 0.02 lx/F=1.2 (0 lx - IR On)
- Wide Dynamic Range (WDR)
- Digital Slow Shutter (DSS)
- Digital Noise reduction (DNR)
- Lens with remote focal and focus control, optical zoom x3, f=3 ~ 9 mm (F1.2)
- Built-in IR LED - 24 pcs.
- Privacy zones: 5
- 1 alarm input and output
- Built-in webserver: video and audio compression and real-time network transmission
- Compression: H.264, M-JPEG
- Video processing resolution:
  - 2048 x 1536
  - 1920 x 1080
  - 1280 x 1024
  - 1280 x 720
  - 1024 x 768
  - 800 x 600
  - 720 x 576
  - 640 x 480
  - 352 x 288
- 4 streams: compression, resolution, speed and quality defined individually for all video streams
- RTP/RTSP protocol support for video transmission
- Network connection control and IP address check function
- Pre- & post-alarm functions - video recording in AVI format
- Schedule recording function
- Hardware motion detection
- Bidirectional audio transmission
- Micro SD/SDHC card support
- Diverse definition of system reactions to alarm events: e-mail with attachment, saving file on FTP server, NAS, alarm output trigger, saving file on micro SD/SDHC card, HTTP notification
- Software: NMS (NOVUS MANAGEMENT SYSTEM) for video recording, live monitoring, playback and remote IP devices administration
- IP 66
- Mounting bracket and sunshield included
- Built-in heater
- Power supply: 24 VAC/PoE+ (Power over Ethernet)

Specifications	Description
Pick-up Element	1/2.8" CMOS imager

Specifications	Description
Imager Resolution	3.0 megapixels
Min. Illumination	0.2 lx/F=1.2 – color mode DSS, 0.02 lx/F=1.2 – B/W mode DSS, 0 lx (IR On)
Wide Dynamic Range (WDR)	Lo/Mid/Hi/Off
Electronic Shutter	Auto/Manual (1 ~ 1/10 000 s)
Digital Slow Shutter (DSS)	Up to 1 s
White Balance	Auto/ATW/With saved reference value/Manual (RGB)
Back Light Compensation (BLC)	On/Off
Privacy Zones	5
Synchronization	Internal
Day/Night Switching	Auto/Manual/Light Sensor/Smart/External/Time
Lens type	With remote focal and focus control, optical zoom x3, f=3 ~ 9 mm (F1.2)
Angle of View (H)	99° ~ 35°
IR LED	LED – 24 pcs.
IR Effective Range	Up to 25 m
Degree of protection	IP 66
Image Functions	DNR – Digital Noise Reduction
Video Compression	H.264/M-JPEG
Fan/Heater	-/Yes
Audio Input	1 x Jack
Audio Output	1 x Jack
Audio Compression	G.711/G.726
Resolution	2048 x 1536, 1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768, 800 x 600, 720 x 576, 640 x 480, 352 x 288
Alarm Input	1, (NO/NC)
Alarm Output	1, electronic relay galvanically isolated, 0.1 A, 30 VAC/VDC
System Reaction to Alarm Events	E-mail with attachment, saving file on: FTP server, NAS server, micro SD/SDHC card, output activation, HTTP notification
Pre- & Post-alarm Functions	Max. 3 s pre-alarm or 20 pictures and max. 9999 s post-alarm recording or 20 pictures
Frame Rate	15 fps for 2048 x 1536, 30 fps for 1920 x 1080 and lower resolutions
Image Saving Files	AVI (SD card, NAS), JPEG (FTP)
Video streaming	4 streams
External Ports	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s, 1 x micro SD/SDHC
Motion Detection	Hardware
Time Synchronization	Automatic time synchronization with NTP server
Network Standard	Onvif (2.4/Profile S), HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS
Software	NMS
User Authorization	Password protected camera access and its configuration, HTTPS, IP filtering, IEEE 802.1X
Power Supply	24 VAC/PoE+
Power Consumption	9 W (IR Off), 12 W (IR On), 29 W (Heater and IR On)
Operating Temperature	-40°C ~ 50°C
Dimensions (mm)	90 (Ø) x 270 (L)
Weight	1100 g