

Day/Night Megapixel IR fisheye lens IP Camera NVIP-5DN7021D/IR-2P



**7000
IP SERIES**

Features

- Mechanical IR cut filter
- IR operation capability
- Imager resolution: 5.0 megapixels
- Min. Illumination: from 0.02 lx/F=2.8 (0 lx - IR On)
- Wide Dynamic Range (WDR)
- Digital Slow Shutter (DSS)
- Digital Noise reduction (DNR)
- Auto iris DC lens: f=1.05 mm
- 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:
 - 2592 x 1944
 - 1920 x 1080 (Full HD),
 - 2048 x 1536 (QXGA),
 - 1280 x 1024 (SXGA),
 - 1280 x 720 (HD),
 - 1024 x 768 (XGA),
 - 800 x 600 (SVGA),
 - 720 x 576 (D1),
 - 640 x 480 (VGA),
 - 352 x 288 (CIF)
- Quadruple streaming: 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, 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
- Power supply: 12 VDC/24 VAC/PoE (Power over Ethernet)

Specifications	Description
Pick-up Element	1/2.5" CMOS imager (4:3 format), progressive scan
Imager Resolution	5.0 megapixels

Specifications	Description
Min. Illumination	0.2 lx/F=2.8 – color mode, 0.02 lx/F=2.8 – B/W mode, 0 lx (IR On)
S/N Ratio	More than 50 dB (AGC Off)
Wide Dynamic Range (WDR)	Lo/Mid/Hi/Off
Electronic Shutter	Auto/Manual (1/1.5 ~ 1/10 000 s)
Digital Slow Shutter (DSS)	0.04 ~ 0.67 s
White Balance	Auto/ATW/Manual (RGB)
Back Light Compensation (BLC)	On/Off
Privacy Zones	5
Synchronization	Internal
Day/Night Switching	Auto/Manual/Smart
Lens type	Auto Iris DC: f=1.05 mm, F=2.8
Angle of View (H)	180°
IR LED	LED – 6 pcs.
IR Effective Range	Up to 5 m
Image Functions	DNR – Digital Noise Reduction
Video Compression	H.264/M-JPEG
Audio Input	1 x Jack, built-in microphone
Audio Output	1 x Jack, built-in speaker, 2W
Audio Compression	G.711/G.726
Resolution	2592 x 1944, 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, saving file to SD/SDHC card, alarm 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	Up to 10 fps for 2592 x 1944, up to 15 fps for 2048 x 1536, up to 25 fps for 1920 x 1080 and lower resolutions
Image Saving Files	AVI (SD card), JPEG (FTP)
Video streaming	4 streams
Number of Simultaneous Network Connections	Max. 8
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	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	12 VDC/24 VAC/PoE (IEEE 802.3af)
Power Consumption	13 W (IR On)
Operating Temperature	-10°C ~ 50°C
Dimensions (mm)	149 (Ø) x 45.8 (H)
Weight	350 g