

Day/Night Megapixel IR Dome IP Camera NVIP-3DN7020D/IR-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)
- Auto iris DC lens: f=2.8 ~ 12 mm
- 3-axis camera module adjustment
- Built-in IR LED - 24 pcs.
- Privacy zones: 5
- 1 alarm input and output
- Built-in webservice: 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, 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 | 1/2.8" CMOS imager |
| Imager Resolution | 3.0 megapixels |

| Specifications | Description |
|---------------------------------|---|
| 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 (1/1.5 ~ 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 |
| Lens type | Auto Iris DC: f=2.8 ~ 12 mm, F=1.2 |
| Angle of View (H) | 101° ~ 34° |
| IR LED | LED – 24 pcs. |
| IR Effective Range | Up to 25 m |
| Image Functions | DNR – Digital Noise Reduction |
| Video Compression | H.264/M-JPEG |
| Audio Input | 1 |
| Audio Output | 1 |
| 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, 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 | 15 fps for 2048 x 1536, 30 fps for 1920 x 1080 and lower resolutions |
| Image Saving Files | AVI (SD card), 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 (2.0), HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, PPPoE, 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 | 3,8 W (IR Off), 5,3 W (IR On) |
| Operating Temperature | -10°C ~ 50°C |
| Dimensions (mm) | 117 (Ø) x 90 (H) |
| Weight | 370 g |