

## Vandal Proof IP Camera with Motor-zoom Lens

**NVIP-12DN7560V/IRH-2P**

**7000 PRO**  
IP SERIES



### KEY FEATURES



- Resolution: 12 MPX
- Lens: motorized, auto-iris (P-Iris) and auto-focus function,  $f=4 \sim 9$  mm/F1.3
- D/N function - IR cut filter
- SD card support
- Min. Illumination from 0.005 lx (0 lx, IR on)
- IR LED, range up to 40 m

### DIMENSIONS



### IMAGE

|                               |                                                                                            |
|-------------------------------|--------------------------------------------------------------------------------------------|
| Image Sensor                  | 12 MPX CMOS sensor 1/1.7" SONY Exmor R STARVIS                                             |
| Number of Effective Pixels    | 4072 (H) x 3046 (V)                                                                        |
| Min. Illumination             | 0.05 lx/F1.3 - color mode (DSS) • 0.005 lx/F1.3 - B/W mode (DSS) • 0 lx (IR on) - B/W mode |
| Electronic Shutter            | auto/manual: 1/1 s ~ 1/10000 s                                                             |
| Digital Slow Shutter (DSS)    | up to 1 s                                                                                  |
| Wide Dynamic Range (WDR)      | yes                                                                                        |
| Digital Noise Reduction (DNR) | 2D, 3D                                                                                     |

### LENS

|            |                                                              |
|------------|--------------------------------------------------------------|
| Lens Type  | motorized, auto-iris (P-Iris) function, $f=4 \sim 9$ mm/F1.3 |
| Auto-focus | zoom trigger, day/night mode trigger, manual trigger         |

### DAY/NIGHT

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Mode                 | day/night switching: mechanical IR cut filter     |
| Switching Mode       | auto, manual, time, external, light sensor, smart |
| Switching Schedule   | yes                                               |
| Visible Light Sensor | yes                                               |

### NETWORK

|                                    |                                                                                                                                                                                                                                |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stream Resolution                  | 4000 x 3000, 3840 x 2160 (4K Ultra HD), 3200 x 1800 (QHD+), 1920 x 1080 (Full HD), 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), 320 x 240 (QVGA) |
| Frame Rate                         | 20 fps for • 30 fps for • 60 fps for and lower resolutions                                                                                                                                                                     |
| Multistreaming Mode                | number of streams: 4                                                                                                                                                                                                           |
| Video/Audio Compression            | H.264, MJPEG/G.711, G.726, AAC, LPCM                                                                                                                                                                                           |
| Number of Simultaneous Connections | max. 10                                                                                                                                                                                                                        |
| Bandwidth                          | 70 Mb/s in total                                                                                                                                                                                                               |
| Network Protocols Support          | HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE                                                                                                             |
| ONVIF Protocol Support             | Profile G/S (ONVIF 2.6)                                                                                                                                                                                                        |
| Camera Configuration               | from Internet Explorer browser • languages: Polish, English, Russian, and others                                                                                                                                               |
| Compatible Software                | NOVUS MANAGEMENT SYSTEM VSS                                                                                                                                                                                                    |

### OTHER FUNCTIONS

|                  |     |
|------------------|-----|
| Privacy Zones    | 5   |
| Motion Detection | yes |

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|                                 |                                                                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Region of interest (ROI)        | 4                                                                                                                                                |
| Audio Detection                 |                                                                                                                                                  |
| Image Processing                | 180° image rotation, sharpening, mirror effect, corridor mode                                                                                    |
| Prealarm/Postalarm              | up to 3 s or 20 frames/up to 9999 s or 20 frames                                                                                                 |
| System Reaction to Alarm Events | e-mail with attachment, saving file on FTP server, saving file on SD card, saving file on NAS server, alarm output activation, HTTP notification |

### IR LED

|            |      |
|------------|------|
| LED Number | 8    |
| Range      | 40 m |
| Angle      | 90°  |

### INTERFACES

|                    |                                                    |
|--------------------|----------------------------------------------------|
| Video Output       | 1.0 Vp-p, 75 Ohm - maintenance only                |
| Audio Input/Output | 1/1                                                |
| Alarm Input/Output | 1 (NO/NC)/1                                        |
| Network Interface  | 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s |
| Memory Card Slot   | SD - capacity up to 64GB                           |

### INSTALLATION PARAMETERS

|                       |                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------|
| Dimensions (mm)       | 134 (Φ) x 117.5 (H)                                                                 |
| Weight                | 0.8 kg                                                                              |
| Degree of Protection  | IP 66 (details in the user's manual)                                                |
| Enclosure             | vandalproof, IK10 impact rating, aluminium, white, poly-carbonate bubble            |
| Power Supply          | 24 VAC, 10 ~ 48 VDC, PoE (IEEE 802.3af, Class 3)                                    |
| Power Consumption     | 8.5 W • 11.5 W (IR illuminator on) • 11.5 W (heater on) • 14.5 W (IR and heater on) |
| Operating Temperature | -50°C ~ 50°C                                                                        |
| Humidity              | max. 90%, relative (non-condensing)                                                 |
| Built-in Heater/Fan   | yes/no                                                                              |