

## Speed Dome IP Camera NVIP-2DN5022SD/IRH-2

5000  
IP SERIES



### KEY FEATURES



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- Resolution: 2 MPX
- Lens: motorized varifocal, AI and AF function, optical zoom 22x, f=4.7 ~ 103 mm/F1.6 ~ 3.5
- D/N function - IR cut filter
- microSD card support
- Min. Illumination from 0.005 lx (0 lx, IR on)
- IR LED, range up to 100 m (depends on current optical zoom value)

### COMPLIANCE



### DIMENSIONS



### IMAGE

|                               |                                                                                |
|-------------------------------|--------------------------------------------------------------------------------|
| Image Sensor                  | 2 MPX CMOS sensor 1/2.8" SONY Exmor                                            |
| Number of Effective Pixels    | 1920 (H) x 1080 (V)                                                            |
| Min. Illumination             | 0.26 lx/F1.6 - color mode • 0.005 lx/F1.6 - B/W mode • 0 lx (IR on) - B/W mode |
| S/N Ratio                     | > 50 dB (AGC off)                                                              |
| Electronic Shutter            | auto/manual: 1/25 s ~ 1/10000 s                                                |
| Wide Dynamic Range (WDR)      | yes                                                                            |
| Digital Noise Reduction (DNR) | 2D                                                                             |
| Defog Function (F-DNR)        | yes                                                                            |

### LENS

|              |     |
|--------------|-----|
| Optical Zoom | 22x |
|--------------|-----|

### DAY/NIGHT

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

### NETWORK

|                                    |                                                                                                      |
|------------------------------------|------------------------------------------------------------------------------------------------------|
| Stream Resolution                  | 1920 x 1080 (Full HD), 720 x 576 (D1), 640 x 480 (VGA), 640 x 360, 352 x 288 (CIF), 320 x 240 (QVGA) |
| Frame Rate                         | 30 fps for each resolution                                                                           |
| Multistreaming Mode                | number of streams: 2                                                                                 |
| Video/Audio Compression            | H.264, MJPEG/G.711, RAW_PCM                                                                          |
| Number of Simultaneous Connections | max. 10                                                                                              |
| Bandwidth                          | 18 Mb/s in total                                                                                     |
| Network Protocols Support          | HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, PPPoE, SMTP                           |
| ONVIF Protocol Support             | Profile S (ONVIF2.2)                                                                                 |
| Camera Configuration               | from Internet Explorer browser • languages: Polish, English, Russian, and others                     |
| Compatible Software                | NOVUS MANAGEMENT SYSTEM VSS                                                                          |

### PTZ

|                 |                                |
|-----------------|--------------------------------|
| Preset Commands | 246                            |
| Tours           | 12 (up to 32 presets per tour) |
| Auto-Scans      | 12                             |

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|                |                                                  |
|----------------|--------------------------------------------------|
| Patterns       | 6 (max. 1000 commands or 300 s for each pattern) |
| Tilt/Pan Range | 0° ~ 93°/360° (continuous)                       |
| Pan/Tilt Speed | up to 150°/s (proportional to zoom)              |
| Preset Speed   | up to 150°/s                                     |
| Protocols      | Pelco-D, Pelco-P                                 |

### OTHER FUNCTIONS

|                                 |                                                                                                                                                       |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Privacy Zones                   | 8                                                                                                                                                     |
| Image Processing                | 180° image rotation, sharpening, mirror effect                                                                                                        |
| Prealarm/Postalarm              | up to 5 MB/up to 86400 s                                                                                                                              |
| 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, PTZ |

### IR LED

|            |                                                     |
|------------|-----------------------------------------------------|
| LED Number | 12                                                  |
| Range      | up to 100 m (depends on current optical zoom value) |
| Angle      | up to 45° (depends on current optical zoom value)   |

### INTERFACES

|                    |                                               |
|--------------------|-----------------------------------------------|
| Video Output       | BNC, 1.0 Vp-p, 75 Ohm - maintenance only      |
| Audio Input/Output | 1 x RCA/1 x RCA                               |
| Alarm Input/Output | 7 (NO/NC)/2 relay type                        |
| Network Interface  | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s |
| Memory Card Slot   | microSD                                       |

### INSTALLATION PARAMETERS

|                                    |                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------|
| Dimensions (mm)                    | 220 (Φ) x 310 (H) with bracket: 220 (W) x 368 (H) x 388 (L)                                |
| Weight                             | 4.3 kg with bracket: 5.5 kg                                                                |
| Degree of Protection               | IP 66 (details in the user's manual)                                                       |
| Enclosure                          | aluminium, white, In set: outdoor housing (integrated with the camera), wall mount bracket |
| Power Supply                       | 24 VAC                                                                                     |
| Power Consumption                  | 45 W • 50 W (heater on)                                                                    |
| Operating temperature with housing | -40°C ~ 60°C                                                                               |
| Built-in Heater/Fan                | yes/yes                                                                                    |