

## Speed Dome IP Camera NVIP-2DN5020SD/IRH-2

**5000**  
IP SERIES



### KEY FEATURES



### KEY FEATURES

- Resolution: 2 MPX
- Lens: motorized, auto-iris and auto-focus function,
- D/N function - IR cut filter
- Min. Illumination from 0.002 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             | 0.02 lx/F1.2 - color mode • 0.002 lx/F1.2 - B/W mode • 0 lx (IR on) - B/W mode |
| S/N Ratio                     | > 50 dB (AGC off)                                                              |
| Electronic Shutter            | auto/manual: 1/50 s ~ 1/10000 s                                                |
| Digital Slow Shutter (DSS)    | up to 1 s                                                                      |
| Wide Dynamic Range (WDR)      | yes                                                                            |
| Digital Noise Reduction (DNR) | 2D, 3D                                                                         |
| Defog Function (F-DNR)        | yes                                                                            |

### LENS

|              |                                                                  |
|--------------|------------------------------------------------------------------|
| Optical Zoom | 20x                                                              |
| Lens Type    | motorized, auto-iris function, f=4.7 ~ 94 mm/F1.2 ~ F1.6         |
| Auto-focus   | continuous, zoom trigger, day/night mode trigger, manual trigger |

### DAY/NIGHT

|                      |                                               |
|----------------------|-----------------------------------------------|
| Mode                 | day/night switching: mechanical IR cut filter |
| Switching Mode       | auto, manual, time                            |
| 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, UDP, DHCP, DDNS, NTP, RTSP, PPPoE, SMTP                                          |
| ONVIF Protocol Support             | Profile S (ONVIF 2.4)                                                                                |
| Camera Configuration               | from Internet Explorer browser • languages: Polish, English, Russian, and others                     |
| Compatible Software                | NOVUS MANAGEMENT SYSTEM VSS                                                                          |

### PTZ

|                 |                                |
|-----------------|--------------------------------|
| Preset Commands | 247                            |
| Tours           | 12 (up to 32 presets per tour) |

## Speed Dome IP Camera NVIP-2DN5020SD/IRH-2

|                |                                                            |
|----------------|------------------------------------------------------------|
| Auto-Scans     | 12                                                         |
| Patterns       | 6 (max. 1000 commands or 3000 s in total for all patterns) |
| Tilt/Pan Range | 0° ~ 98°/360° (continuous)                                 |
| Pan/Tilt Speed | up to 180°/s (proportional to zoom)                        |
| Preset Speed   | up to 90°/s                                                |

### OTHER FUNCTIONS

|                                 |                                                                         |
|---------------------------------|-------------------------------------------------------------------------|
| Privacy Zones                   | 8                                                                       |
| Image Processing                | 180° image rotation, sharpening, mirror effect                          |
| System Reaction to Alarm Events | e-mail with attachment, alarm output activation, HTTP notification, PTZ |

### IR LED

|            |                                                     |
|------------|-----------------------------------------------------|
| LED Number | 8                                                   |
| Range      | up to 100 m (depends on current optical zoom value) |
| Angle      | up to 45° (depends on current optical zoom value)   |

### INTERFACES

|                    |                                                                      |
|--------------------|----------------------------------------------------------------------|
| Audio Input/Output | 1 x RCA/1 x RCA                                                      |
| Alarm Input/Output | 7 (NO/NC)/2 relay type yes 7 (NO/NC)/2 relay type (max. 12VDC/300mA) |
| Network Interface  | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s                        |

### INSTALLATION PARAMETERS

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| Dimensions (mm)       | 205 (Φ) x 332 (H) with bracket: 205 (W) x 410 (H) x 270 (L)                                |
| Weight                | 4.3 kg with bracket: 4.7 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     | 20 W • 32 W (IR illuminator on) • 40 W (IR and heater on)                                  |
| Operating Temperature | -40°C ~ 60°C                                                                               |
| Built-in Heater/Fan   | yes/yes                                                                                    |

*To mount the camera may be necessary to use additional screws and nuts, not included in the adapter kit NVB-SD70PA & NVB-SD70CA*