



# Speed Dome IP Camera

NVIP-3SD-6300/30/F



6000

VSS  
IP

## FUNCTIONS



H-265

IK10



## KEY FEATURES

- Resolution: 3 MPX
- Lens: motorized varifocal, AI and AF function, optical zoom 30x, f=4.5 ~ 135 mm/F1.6 ~ 4.4
- D/N function - IR cut filter
- Video content analysis
- microSD card support
- Min. Illumination from 0 lx (0 lx, IR on)
- IR LED, range up to 180 m (depends on current optical zoom value)

## DIMENSIONS



| Image                              |                                                                                                                                       |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                       | 3 MPX CMOS sensor 1/2.8" SONY Exmor R STARVIS                                                                                         |
| Number of Effective Pixels         | 2065 (H) x 1553 (V)                                                                                                                   |
| Min. Illumination                  | 0.03 lx/F1.6 - color mode,<br>0.01 lx/F1.6 - B/W mode,<br>0 lx (IR on) - B/W mode                                                     |
| Electronic Shutter                 | auto: 1/25 s ~ 1/100000 s                                                                                                             |
| Wide Dynamic Range (WDR)           | yes (double scan sensor), 120dB                                                                                                       |
| Digital Noise Reduction (DNR)      | 3D                                                                                                                                    |
| Defog Function (F-DNR)             | yes                                                                                                                                   |
| Highlight Compensation (HLC)       | yes                                                                                                                                   |
| Back Light Compensation (BLC)      | yes                                                                                                                                   |
| Lens                               |                                                                                                                                       |
| Optical Zoom                       | 30x                                                                                                                                   |
| Lens Type                          | motorized, auto-iris function, f=4.5 ~ 135 mm/F1.6 ~ F4.4                                                                             |
| Auto-focus                         | zoom trigger, day/night mode trigger                                                                                                  |
| Day/Night                          |                                                                                                                                       |
| Switching Type                     | mechanical IR cut filter                                                                                                              |
| Switching Mode                     | auto, manual, time                                                                                                                    |
| Visible Light Sensor               | yes                                                                                                                                   |
| Network                            |                                                                                                                                       |
| Stream Resolution                  | 2048 x 1536 (QXGA), 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA)                                         |
| Frame Rate                         | 30 fps for 2048 x 1536 (QXGA) and lower resolutions                                                                                   |
| Multistreaming Mode                | 3 streams                                                                                                                             |
| Video/Audio Compression            | H.264, H.265, MJPEG/G.711                                                                                                             |
| Number of Simultaneous Connections | max. 6                                                                                                                                |
| Bandwidth                          | 70 Mb/s in total                                                                                                                      |
| Network Protocols Support          | HTTP, TCP/IP, IPv4/IPv6, Multicast, FTP, DHCP, DNS, DDNS, NTP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, ICMP, Unicast, SSL/TLS |
| Camera Configuration               | from Internet Explorer browser<br>languages: Polish, English                                                                          |
| Compatible Software                | NOVUS MANAGEMENT SYSTEM VSS, NVR-6000 Viewer                                                                                          |
| Mobile applications                | SuperLive Plus (iPhone, Android)                                                                                                      |
| PTZ                                |                                                                                                                                       |
| Preset Commands                    | 360                                                                                                                                   |
| Tours                              | 8 (up to 16 presets per tour)                                                                                                         |
| Auto-Scans                         | 2                                                                                                                                     |
| Patterns                           | 4 (max. 180 s for each pattern)                                                                                                       |
| Tilt/Pan Range                     | 0° ~ 93°/360° (continuous)                                                                                                            |
| Pan/Tilt Speed                     | up to 80°/s (proportional to zoom)                                                                                                    |
| Preset Speed                       | up to 150°/s                                                                                                                          |
| Protocols                          | Pelco-D, Pelco-P                                                                                                                      |
| Other functions                    |                                                                                                                                       |
| Access Password                    | number of characters: 4 numbers                                                                                                       |
| Privacy Zones                      | 4                                                                                                                                     |
| Motion Detection                   | yes                                                                                                                                   |
| Video Content Analysis (VCA)       | face detection                                                                                                                        |
| Image Processing                   | 180° image rotation, sharpening, mirror effect                                                                                        |
| System Reaction to Alarm Events    | e-mail with attachment, saving file on SD card, alarm output activation, HTTP notification, PTZ                                       |
| Restoring default settings         | via web browser, using reset button, via NMS iPTool software                                                                          |
| IR LED                             |                                                                                                                                       |
| LED Number                         | 10                                                                                                                                    |
| Range                              | up to 180 m (depends on current optical zoom value)                                                                                   |
| Angle                              | up to 45° (depends on current optical zoom value)                                                                                     |
| Interfaces                         |                                                                                                                                       |
| Audio Input/Output                 | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm)                                                                                                   |
| Alarm Input/Output                 | 7 (NO/NC)/1 relay type (max. 12VDC/300mA)                                                                                             |
| RS-485                             | yes                                                                                                                                   |
| Network Interface                  | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s                                                                                         |
| Memory Card Slot                   | microSD - capacity up to 128GB                                                                                                        |
| Installation parameters            |                                                                                                                                       |
| Dimensions (mm)                    | 216 (Φ) x 348 (H) with bracket: 216 (W) x 385 (H) x 350 (L)                                                                           |
| Weight                             | 5.4 kg with bracket: 6.1 kg                                                                                                           |
| Degree of Protection               | IP 66 (details in the user's manual)                                                                                                  |
| Enclosure                          | aluminium, white, IK10 impact rating, in set: outdoor housing (integrated with the camera), wall mount bracket                        |
| Power Supply                       | 24 VDC/24 VAC (100 ~ 230 VAC/24 VAC PSU in-set included)                                                                              |
| Power Consumption                  | 15 W,<br>35 W (IR illuminator on),<br>65 W (IR and heater on)                                                                         |
| Surge protection                   | TVS 6000 V                                                                                                                            |
| Operating Temperature              | -30°C ~ 60°C                                                                                                                          |
| Built-in Heater/Fan                | yes/no                                                                                                                                |