



# Vandal Proof IP Starlight Camera

NVIP-5DN3512V/IR-1P



6000

VSS  
IP

## FUNCTIONS



H.265

IK10

5  
Mpx



0.016  
Lux

f=3.6-10

30 m

## KEY FEATURES

- Resolution: 5 MPX
- Lens: varifocal, f=3.6 ~ 10 mm/F1.5
- D/N function - IR cut filter
- microSD card support
- Min. Illumination from 0.016 lx (0 lx, IR on)
- IR LED, range up to 30 m

## DIMENSIONS



| Image                              |                                                                                                           |
|------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Image Sensor                       | 5 MPX CMOS sensor 1/1.8" SONY                                                                             |
| Number of Effective Pixels         | 2592 (H) x 1944 (V)                                                                                       |
| Min. Illumination                  | 0.016 lx/F1.5 - color mode,<br>0 lx (IR on) - B/W mode                                                    |
| Electronic Shutter                 | auto: 1/25 s ~ 1/100000 s                                                                                 |
| Wide Dynamic Range (WDR)           | yes                                                                                                       |
| Digital Noise Reduction (DNR)      | 2D, 3D                                                                                                    |
| Defog Function (F-DNR)             | no                                                                                                        |
| Lens                               |                                                                                                           |
| Lens Type                          | varifocal, f=3.6 ~ 10 mm/F1.5                                                                             |
| Day/Night                          |                                                                                                           |
| Switching Type                     | mechanical IR cut filter                                                                                  |
| Switching Mode                     | auto, manual, time, light sensor                                                                          |
| Switching Level Adjustment         | yes                                                                                                       |
| Switching Schedule                 | yes                                                                                                       |
| Visible Light Sensor               | yes                                                                                                       |
| Network                            |                                                                                                           |
| Stream Resolution                  | 2560 x 1440 (QHD), 2592 x 1944, 1920 x 1080 (Full HD), 1280 x 720 (HD), 720 x 576 (D1), 352 x 288 (CIF)   |
| Frame Rate                         | 30 fps for 2592 x 1944 and lower resolutions                                                              |
| Multistreaming Mode                | 3 streams                                                                                                 |
| Video/Audio Compression            | H.264, H.265, MJPEG/G.711                                                                                 |
| Number of Simultaneous Connections | max. 10                                                                                                   |
| Bandwidth                          | 20 Mb/s in total                                                                                          |
| Network Protocols Support          | HTTP, TCP/IP, IPv4, UDP, FTP, DHCP, DDNS, NTP, RTSP, SNMP, PPPoE, SSL/TLS                                 |
| Camera Configuration               | from Internet Explorer, Firefox, Chrome, Opera browser<br>languages: Polish, English, Russian, and others |
| Compatible Software                | NOVUS MANAGEMENT SYSTEM VSS                                                                               |
| Other functions                    |                                                                                                           |
| Privacy Zones                      | 4                                                                                                         |
| Motion Detection                   | yes                                                                                                       |
| Region of Interest (ROI)           | 8                                                                                                         |
| Image Processing                   | 90° image rotation, 180° image rotation, sharpening, mirror effect                                        |
| Prealarm/Postalarm                 | -up to 120 s                                                                                              |
| System Reaction to Alarm Events    | e-mail with attachment, saving file on FTP server, saving file on SD card                                 |
| IR LED                             |                                                                                                           |
| LED Number                         | 30                                                                                                        |
| Range                              | 30 m                                                                                                      |
| Interfaces                         |                                                                                                           |
| Video Output                       | BNC, 1.0 Vp-p, 75 Ohm                                                                                     |
| Audio Input/Output                 | 1 x Jack (3.5 mm)/1 x Jack (3.5 mm)                                                                       |
| Alarm Input/Output                 | 1 (NO/NC)/1 relay type (max. 12VDC/300mA)                                                                 |
| Network Interface                  | 1 x Ethernet - RJ-45 interface, 10/100/1000 Mbit/s                                                        |
| Memory Card Slot                   | microSD - capacity up to 128GB                                                                            |
| Installation parameters            |                                                                                                           |
| Dimensions (mm)                    | 150 (Ø) x 114 (H)                                                                                         |
| Weight                             | 1 kg                                                                                                      |
| Degree of Protection               | IP 66 (details in the user's manual)                                                                      |
| Enclosure                          | vandalproof IK10 impact rating aluminium, white poly-carbonate bubble                                     |
| Power Supply                       | 12 VDC, PoE (IEEE 802.3af, Class 3)                                                                       |
| Power Consumption                  | 4 W,<br>6.5 W (IR illuminator on)                                                                         |
| Operating Temperature              | -20°C ~ 50°C                                                                                              |