



# Vandal Proof IP Starlight Camera

NVIP-2DN3036V/IR-1P



## FUNCTIONS



## KEY FEATURES

- Resolution: 2 MPX
- Lens: varifocal, f=2.8 ~ 12 mm/F1.4
- D/N function - IR cut filter
- Min. Illumination from 0.0003 lx (0 lx, IR on)
- IR LED, range up to 30 m

## DIMENSIONS



109 mm

130 mm (Ø)



| Image                                    |                                                                                      |
|------------------------------------------|--------------------------------------------------------------------------------------|
| Image Sensor                             | 2 MPX CMOS sensor 1/2.8" SONY Exmor R STARVIS                                        |
| Number of Effective Pixels               | 1920 (H) x 1080 (V)                                                                  |
| Min. Illumination                        | 0.003 lx/F1.4 - color mode,<br>0.0003 lx/F1.4 - B/W mode,<br>0 lx (IR on) - B/W mode |
| Electronic Shutter                       | auto/manual: 1 s ~ 1/100000 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                                                                                  |
| Reduction of image flicker (Antiflicker) | yes                                                                                  |
| Lens                                     |                                                                                      |
| Lens Type                                | varifocal, f=2.8 ~ 12 mm/F1.4                                                        |
| Day/Night                                |                                                                                      |
| Switching Type                           | mechanical IR cut filter                                                             |
| Switching Mode                           | auto, manual, time                                                                   |
| Switching Level Adjustment               | yes                                                                                  |
| Switching Delay                          | 2 ~ 120 s                                                                            |
| Switching Schedule                       | yes                                                                                  |
| Visible Light Sensor                     | yes                                                                                  |
| Network                                  |                                                                                      |
| Stream Resolution                        | 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA)            |
| Frame Rate                               | 30 fps for 1920 x 1080 (Full HD) and lower resolutions                               |
| Multistreaming Mode                      | 3 streams                                                                            |
| Video/Audio Compression                  | H.264, MJPEG/-                                                                       |
| Number of Simultaneous Connections       | max. 1                                                                               |
| Bandwidth                                | 6 Mb/s in total                                                                      |
| Network Protocols Support                | TCP/IP, UDP, FTP, DHCP, DDNS, NTP, RTSP, UPnP, IEEE 802.1X, PPPoE                    |
| Camera Configuration                     | from Internet Explorer browser<br>languages: Polish, English, Russian, and others    |
| Compatible Software                      | NOVUS MANAGEMENT SYSTEM VSS, NVR-6000 Viewer                                         |
| Mobile applications                      | SuperLive Plus (iPhone, Android)                                                     |
| Other functions                          |                                                                                      |
| Privacy Zones                            | 4 video mask type: single color                                                      |
| Motion Detection                         | yes                                                                                  |
| Region of Interest (ROI)                 | 3                                                                                    |
| Image Processing                         | 180° image rotation, sharpening, mirror effect                                       |
| System Reaction to Alarm Events          | e-mail with attachment, saving file on FTP server                                    |
| IR LED                                   |                                                                                      |
| LED Number                               | 2                                                                                    |
| Range                                    | 30 m                                                                                 |
| Angle                                    | 90°                                                                                  |
| Interfaces                               |                                                                                      |
| Network Interface                        | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s                                        |
| Installation parameters                  |                                                                                      |
| Dimensions (mm)                          | 130 (Ø) x 112 (H)                                                                    |
| Weight                                   | 0.7 kg                                                                               |
| Degree of Protection                     | IP 66 (details in the user's manual)                                                 |
| Enclosure                                | vandalproof IK10 impact rating aluminium, white                                      |
| Power Supply                             | 12 VDC, PoE (IEEE 802.3af, Class 3)                                                  |
| Power Consumption                        | 3 W,<br>5.5 W (IR illuminator on)                                                    |
| Operating Temperature                    | -30°C ~ 50°C                                                                         |
| Humidity                                 | max. 95% relative (non-condensing)                                                   |

Some functions are available from 4.2.1 software version