

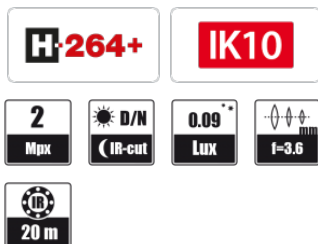


# Vandal Proof IP Camera

NVIP-2DN3031V/IR-1P



## FUNCTIONS



## COMPLIANCE



## KEY FEATURES

- Resolution: 2 MPX
- Lens: fixed focal, f=3.6 mm/F1.6
- D/N function - IR cut filter
- Min. Illumination from 0.09 lx (0 lx, IR on)
- IR LED, range up to 20 m

## DIMENSIONS



| Image                              |                                                                                                           |
|------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Image Sensor                       | 2 MPX CMOS sensor 1/2.7" APTINA                                                                           |
| Number of Effective Pixels         | 1920 (H) x 1080 (V)                                                                                       |
| Min. Illumination                  | 0.09 lx/F1.6 - 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)      | 3D                                                                                                        |
| Lens                               |                                                                                                           |
| Lens Type                          | fixed focal, f=3.6 mm/F1.6                                                                                |
| Day/Night                          |                                                                                                           |
| Switching Type                     | mechanical IR cut filter                                                                                  |
| Switching Mode                     | auto, manual, time                                                                                        |
| Switching Level Adjustment         | yes                                                                                                       |
| 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 and lower resolutions                                                                          |
| Multistreaming Mode                | number of streams: 3                                                                                      |
| Video/Audio Compression            | H.264+, MJPEG/G.711                                                                                       |
| Number of Simultaneous Connections | max. 4                                                                                                    |
| Bandwidth                          | 9 Mb/s in total                                                                                           |
| Network Protocols Support          | HTTP, TCP/IP, IPv4, FTP, DHCP, DDNS, NTP, RTSP, UPnP, PPPoE, SMTP                                         |
| ONVIF Protocol Support             | Profile S (ONVIF 2.3)                                                                                     |
| 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)           | 3                                                                                                         |
| Image Processing                   | 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                                                         |
| IR LED                             |                                                                                                           |
| LED Number                         | 24                                                                                                        |
| Range                              | 20 m                                                                                                      |
| Angle                              | 90°                                                                                                       |
| Interfaces                         |                                                                                                           |
| Audio Input/Output                 | 1 x Jack (3.5 mm)/-                                                                                       |
| Network Interface                  | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s                                                             |
| Installation parameters            |                                                                                                           |
| Dimensions (mm)                    | 116 (Ø) x 91 (H)                                                                                          |
| Weight                             | 0.60 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                  | 3.5 W,<br>4 W (IR illuminator on)                                                                         |
| Operating Temperature              | -30°C ~ 50°C                                                                                              |