



# Vandal Proof IP Camera

NVIP-5VE-6201-II/7043



## FUNCTIONS



The camera is dedicated to work with NOVUS 6000 series recorders. Detailed data can be found in the compatibility table available in the DOWNLOADABLE FILES tab.

## COMPATIBILITY



## KEY FEATURES

- Resolution: 5 MPX
- Lens: fixed focal, f=2.8 mm/F1.6
- built-in microphone
- D/N function - IR cut filter
- Video content analysis
- microSD card support
- WDR with double scan sensor
- Min. Illumination from 0.007 lx (0 lx, IR on)
- IR LED, range up to 30 m

## DIMENSIONS



| Image                                    |                                                                                                                                                                   |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                             | 5 MPX CMOS sensor 1/2.7" SmartSens                                                                                                                                |
| Number of Effective Pixels               | 2884 (H) x 1624 (V)                                                                                                                                               |
| Min. Illumination                        | 0.007 lx/F1.6 - color mode,<br>0 lx (IR on) - B/W mode                                                                                                            |
| Electronic Shutter                       | auto: 1/2 s ~ 1/100000 s                                                                                                                                          |
| Digital Slow Shutter (DSS)               | up to 1/2 s                                                                                                                                                       |
| Wide Dynamic Range (WDR)                 | yes (double scan sensor), 120dB                                                                                                                                   |
| Digital Noise Reduction (DNR)            | 2D, 3D                                                                                                                                                            |
| Highlight Compensation (HLC)             | yes                                                                                                                                                               |
| Back Light Compensation (BLC)            | yes                                                                                                                                                               |
| Reduction of image flicker (Antiflicker) | yes                                                                                                                                                               |
| Lens                                     |                                                                                                                                                                   |
| Lens Type                                | fixed focal, f=2.8 mm/F1.6                                                                                                                                        |
| 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                        | 2880 x 1620, 2560 x 1440 (QHD), 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 704 x 480, 640 x 480 (VGA), 352 x 288 (CIF), 352 x 240, 480 x 240 |
| Frame Rate                               | 30 fps for each resolution                                                                                                                                        |
| Multistreaming Mode                      | 3 streams                                                                                                                                                         |
| Video/Audio Compression                  | H.264, H.264+, H.265, H.265+, MJPEG/G.711                                                                                                                         |
| Number of Simultaneous Connections       | max. 10                                                                                                                                                           |
| Bandwidth                                | 60 Mb/s in total                                                                                                                                                  |
| Network Protocols Support                | HTTP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, RTMP                                           |
| Camera Configuration                     | from Internet Explorer browser<br>languages: Polish, English, and others                                                                                          |
| Compatible Software                      | NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000                                                                                           |
| Mobile applications                      | SuperLive Plus (iPhone, Android)                                                                                                                                  |
| Other functions                          |                                                                                                                                                                   |
| Privacy Zones                            | 4 video mask type: single color                                                                                                                                   |
| Motion Detection                         | yes                                                                                                                                                               |
| Region of Interest (ROI)                 | 8                                                                                                                                                                 |
| Video Content Analysis (VCA)             | abandoned object, object disappearance, line cross, scene change, objects distinguishing, intrusion detection                                                     |
| Image Processing                         | sharpening, mirror effect, corridor mode, vertical flip, horizontal flip                                                                                          |
| Prealarm/Postalarm                       | up to 6 s/up to 120 s                                                                                                                                             |
| System Reaction to Alarm Events          | e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card                                                                                 |
| Restoring default settings               | via web browser, using reset button, via NMS IPTool software                                                                                                      |
| IR LED                                   |                                                                                                                                                                   |
| LED Number                               | 1                                                                                                                                                                 |
| Range                                    | 30 m                                                                                                                                                              |
| Smart IR                                 | yes (software support)                                                                                                                                            |
| Interfaces                               |                                                                                                                                                                   |
| Audio Input/Output                       | 1 x Jack (3.5 mm)/-<br>built-in microphone                                                                                                                        |
| Network Interface                        | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s                                                                                                                     |
| Memory Card Slot                         | microSD - capacity up to 256GB                                                                                                                                    |
| Installation parameters                  |                                                                                                                                                                   |
| Dimensions (mm)                          | 97 (Ø) x 83 (H)                                                                                                                                                   |
| Weight                                   | 0.5 kg                                                                                                                                                            |
| Degree of Protection                     | IP 67 (details in the user's manual)                                                                                                                              |
| Enclosure                                | vandalproof IK10 impact rating aluminium, grey                                                                                                                    |
| Power Supply                             | 12 VDC, PoE (IEEE 802.3af, Class 3)                                                                                                                               |
| Surge protection                         | TVS 4000 V                                                                                                                                                        |
| Power Consumption                        | 3.5 W,<br>6 W (IR illuminator on)                                                                                                                                 |
| Operating Temperature                    | -30°C ~ 60°C                                                                                                                                                      |
| Humidity                                 | max. 95%, relative (non-condensing)                                                                                                                               |

Objects distinguishing is available in cameras with firmware version 5.1.1.0(41502) or higher.