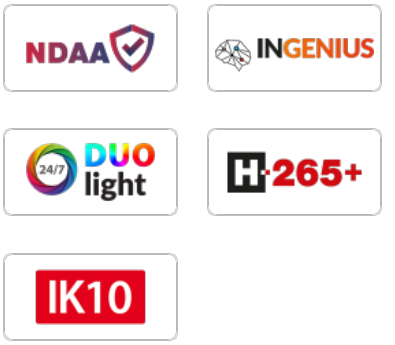
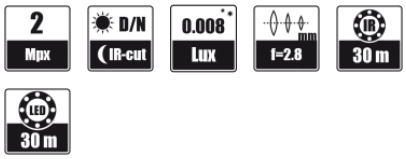
# 2 MPX Vandal Proof IP Camera with white light and IR illuminators

## NVIP-2VE-6231/WL-II



## KEY FEATURES




- Resolution: 2 MPX
- Lens: fixed focal, f=2.8 mm/F1.6
- Human/Vehicle Object Classification
- D/N function - IR cut filter
- Video content analysis based on Deep Learning
- microSD card support
- WDR with double scan sensor
- Min. Illumination from 0.008 lx (0 lx, IR on)
- IR LED, range up to 30 m
- white LED illuminator, range up to 30 m

## DIMENSIONS

**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.**

### IMAGE

| | |
|---|---|
| Image Sensor | 2 MPX CMOS sensor 1/2.8” SmartSens |
| Number of Effective Pixels | 1928 (H) x 1088 (V) |
| Min. Illumination | 0.008 lx/F1.6 - color mode • 0 lx (IR on) - B/W mode |
| Electronic Shutter | auto/manual: 1/3 s ~ 1/100000 s |
| Digital Slow Shutter (DSS) | up to 1/3 s |
| Wide Dynamic Range (WDR) | yes (double scan sensor), 120dB |
| Digital Noise Reduction (DNR) | 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 |

### DORI

| | |
|---|---|
| DORI (Detection, Observation, Recognition, Identification) | for f = 2.8mm - D: 41m, O: 16m, R: 8m, I: 4m |

### DAY/NIGHT

| | |
|---|---|
| Mode | day/night switching: mechanical IR cut filter |
| Switching Mode | auto, manual, time |
| Switching Level Adjustment | yes |
| Switching Delay | 2 ~ 6000 s |
| Switching Schedule | yes |

### NETWORK

| | |
|---|---|
| Stream Resolution | 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 352 x 288 (CIF), 480 x 240 |
| Multistreaming Mode | number of streams: 3 |
| Video/Audio Compression | H.264, H.264+, H.265, H.265+, MJPEG/G.711 |
| Number of Simultaneous Connections | max. 4 |
| Bandwidth | 12 Mb/s in total |
| Network Protocols Support | HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, SSL/TLS, HTML5, RTMP, HTTP POST |

# 2 MPX Vandal Proof IP Camera with white light and IR illuminators

## NVIP-2VE-6231/WL-II




| | |
|---|---|
| Camera Configuration | from Internet Explorer, Edge, Firefox, Chrome, Opera, Safari browser • languages: Polish, English, and others |
| Compatible Software | NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 |
| Mobile applications | ipGO 6 (iPhone, Android) |

### VIDEO ANALYTICS

| | |
|---|---|
| Functions | tamper, abandoned object, object disappearance, line cross, scene change, video blurred, video color cast, objects distinguishing, intrusion detection, smart motion detection with objects distinguishing |

### OTHER FUNCTIONS

| | |
|---|---|
| Privacy Zones | 4 video mask type: single color |
| Motion Detection | yes |
| Region of interest (ROI) | 8 |
| Image Processing | 90˚ image rotation, 180˚ image rotation, 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) |

### WHITE LIGHT ILLUMINATOR

| | |
|---|---|
| LED Number | 1, warm white color |
| Range | 30 m |
| Smart Light | yes (software support) |

### INTERFACES

| | |
|---|---|
| Audio Input/Output | 1 x Jack (3.5 mm)/- • 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) | 95 (Φ) x 83 (H) |
| Weight | 0.5 kg |
| Degree of Protection | IP 67 (details in the user's manual) |
| Enclosure | vandalproof, IK10 impact rating, aluminium, white • enclosure type: 6VE-S |
| Power Supply | 12 VDC, PoE (IEEE 802.3af, Class 3) |
| Surge protection | TVS 4000 V |
| Power Consumption | 3 W • 6 W (IR illuminator on) • 4.5 W (white light illuminator on) |
| Operating Temperature | -40°C ~ 60°C |
| Humidity | max. 95%, relative (non-condensing) |