



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

NVIP-2VE-6232/WL-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.

### COMPLIANCE



### KEY FEATURES

- Lens: varifocal, f=2.8 ~ 12 mm/F1.4
- built-in microphone
- D/N function - IR cut filter
- Video content analysis
- microSD card support
- WDR with double scan sensor
- Min. Illumination: 0.008 lx (0 lx, IR on)
- IR LED, range up to 40 m
- white LED illuminator, range up to 40 m

### DIMENSIONS

|  |  |
|--|--|
| <b>Image</b>   |  |
| Image Sensor   | 2 MPX CMOS sensor 1/2.8" SmartSens   |
| Number of Effective Pixels                                 | 1928 (H) x 1088 (V)  |
| Min. Illumination  | 0.006 lx/F1.4 - color mode,<br>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  |
| <b>Lens</b>  |  |
| Lens Type  | varifocal, f=2.8 ~ 12 mm/F1.4  |
| <b>DORI</b>  |  |
| DORI (Detection, Observation, Recognition, Identification) | for f = 2.8mm - D: 43m, O: 17m, R: 9m, I: 4m<br>for f = 12mm - D: 132m, O: 53m, R: 26m, I: 13m   |
| <b>Day/Night</b>   |  |
| Switching Type   | mechanical IR cut filter   |
| Switching Mode   | auto, manual, time   |
| Switching Level Adjustment                                 | yes  |
| Switching Delay  | 2 ~ 6000 s   |
| Switching Schedule   | yes  |
| <b>Network</b>   |  |
| 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   |
| Frame Rate   | 30 fps for and lower resolutions   |
| 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, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, P2P, SSL/TLS, HTML5, RTMP  |
| Camera Configuration                                       | from Internet Explorer, Firefox, Chrome, Opera, Safari browser<br>languages: Polish, English, and others   |
| Compatible Software  | NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000  |
| Mobile applications  | iPGO 6 (iPhone, Android)   |
| <b>Video Analytics</b>                                     |  |
| 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 |
| <b>Other functions</b>                                     |  |
| 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   |
| <b>IR LED</b>  |  |
| LED Number   | 2  |
| Range  | 40 m   |
| Smart IR   | yes (software support)   |
| <b>White light illuminator</b>                             |  |
| LED Number   | 1, warm white color  |
| Range  | 40 m   |
| Smart Light  | yes (software support)   |
| <b>Interfaces</b>  |  |
| 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   |
| <b>Installation parameters</b>                             |  |
| Dimensions (mm)  | 112 (Ø) x 100 (H)  |
| Weight   | 0.7 kg   |
| Degree of Protection                                       | IP 67 (details in the user's manual)   |
| Enclosure  | vandalproof, IK10 impact rating, aluminium, grey<br>enclosure type: 6VE-M  |



|                       |  |
|-----------------------|--|
| Power Supply          | 12 VDC, PoE (IEEE 802.3af, Class 3)                                      |
| Surge protection      | TVS 4000 V   |
| Power Consumption     | 3 W,<br>7.5 W (IR illuminator on),<br>6.5 W (white light illuminator on) |
| Operating Temperature | -40°C ~ 60°C   |
| Humidity              | max. 95% relative (non-condensing)                                       |

100 mm

112 mm (Ø)

