



## 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, 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 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 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)/- 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 enclosure type: 6VE-M



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

100 mm

112 mm (Ø)

