

## 8 MPX Vandal Proof IP Camera with white light and IR illuminator

### NVIP-8VE-6101/WL/LITE

6000 VSS  
lite



#### KEY FEATURES



- Resolution: 8 MPX (4K Ultra HD)
- 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 0.01 lx
- IR LED, range up to 30 m
- white LED illuminator, range up to 30 m

#### DIMENSIONS



97 mm (Ø)



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	8 MPX CMOS sensor 1/2.7" OmniVision
Number of Effective Pixels	3872 (H) x 2192 (V)
Min. Illumination	0.01 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)
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
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#### DORI

DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 77m, O: 31m, R: 15m, I: 8m
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#### DAY/NIGHT

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

#### NETWORK

Stream Resolution	3840 x 2160 (4K Ultra HD), 3200 x 1800 (QHD+), 2688 x 1520, 2560 x 1440 (QHD), 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 640 x 360, 352 x 288 (CIF), 480 x 240
Frame Rate	20 fps for each resolution
Multistreaming Mode	number of streams: 2
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Number of Simultaneous Connections	max. 6
Bitrate	for H.264 : 256 kbps - 10240 kbps • for H.265 : 128 kbps - 8192 kbps
Network Protocols Support	HTTP, IPv4, IPv4/v6, DHCP, DDNS, NTP, RTSP, QoS, IEEE 802.1X, P2P, HTML5

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## NVIP-8VE-6101/WL/LITE

Camera Configuration	from Internet Explorer, Edge, Firefox, Chrome, Opera 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	line cross, intrusion detection • functions intrusion and line crossing respond only to people
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### OTHER FUNCTIONS

Security	video encryption, configuration encryption, IEEE 802.1X support, Basic authorization for HTTP/RTSP, IP and/or MAC address filtering, force change of default password, authorization Token for HTTP/RTSP
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	180° image rotation, sharpening, mirror effect, vertical flip, horizontal flip
Prealarm/Postalarm	up to 6 s/up to 120 s
System Reaction to Alarm Events	saving file on SD card
Restoring default settings	via web browser, using reset button, via NMS IPTool software, via IP Tool 6000 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	4 W • 6.5 W (IR illuminator on) • 7 W (white light illuminator on)
Operating Temperature	-30°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)