

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

NVIP-8VE-6201/WL-II



6000 VSS
IP

KEY FEATURES



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

COMPLIANCE



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	8 MPX CMOS sensor 1/2.8" SONY
Number of Effective Pixels	3864 (H) x 2192 (V)
Min. Illumination	0.02 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
Defog Function (F-DNR)	no
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: 79m, O: 32m, R: 16m, 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 • 30 fps for other 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. 10
Bandwidth	82 Mb/s in total

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Network Protocols Support	HTTP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, P2P, HTML5, RTMP
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	abandoned object, object disappearance, line cross, scene change, video blurred, video color cast, objects distinguishing, intrusion detection, smart motion detection with objects distinguishing
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OTHER FUNCTIONS

Security	video encryption, configuration encryption, IEEE 802.1X support, HTTPS support, Basic authorization for HTTP/RTSP, IP and/or MAC address filtering, force change of default password
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction
Prealarm/Postalarm	up to 6 s/up to 120 s
System Reaction to Alarm Events	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



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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)

