### **NOVUS**

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

NVIP-6VE-6201/WL/7043





#### **KEY FEATURES**





















- •Resolution: 6 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
- •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.

All camera stream resolutions are supported by NVRs with firmware version 1.4.10 or higher.

#### **IMAGE**

Image Sensor	6 MPX CMOS sensor 1/2.5" SmartSens
Min. Illumination	0.008 lx/F1.6 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/4 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1/4 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
Lens Type	11XCa 10Cai, 1—2.0 11111/1 1.0

#### DORI

DORI (Detection, Observation, for f = 2.8 mm - D: 69m, O: 28m, R: 14m, I: 7m Recognition, Identification)

#### **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	3200 x 1800 (QHD+), 2688 x 1520, 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 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 Conne	ectionsmax. 6
Bandwidth	24 Mb/s in total



## **NoVus**

83 mm

95 mm (Ø)



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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, HTTP POST
ONVIF Protocol Support	Profile G/S/T
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
OTHER FUNCTIONS	
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	$90^\circ$ image rotation, $180^\circ$ 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 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	
IR LED LED Number	1
	1 30 m
LED Number	
LED Number Range Smart IR	30 m
LED Number Range	30 m
LED Number Range Smart IR WHITE LIGHT ILLUMINATOR	30 m yes (software support)
LED Number Range Smart IR WHITE LIGHT ILLUMINATOR LED Number	30 m  yes (software support)  1, warm white color
LED Number Range Smart IR  WHITE LIGHT ILLUMINATOR LED Number Range Smart Light	30 m  yes (software support)  1, warm white color 30 m
LED Number Range Smart IR  WHITE LIGHT ILLUMINATOR LED Number Range Smart Light INTERFACES	30 m  yes (software support)  1, warm white color  30 m  yes (software support)
LED Number Range Smart IR  WHITE LIGHT ILLUMINATOR LED Number Range Smart Light INTERFACES Audio Input/Output	30 m  yes (software support)  1, warm white color  30 m  yes (software support)  1 x Jack (3.5 mm)/- • built-in microphone
LED Number Range Smart IR  WHITE LIGHT ILLUMINATOR LED Number Range Smart Light INTERFACES Audio Input/Output Network Interface	30 m  yes (software support)  1, warm white color  30 m  yes (software support)  1 x Jack (3.5 mm)/- • built-in microphone  1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
LED Number Range Smart IR  WHITE LIGHT ILLUMINATOR LED Number Range Smart Light INTERFACES Audio Input/Output	30 m  yes (software support)  1, warm white color  30 m  yes (software support)  1 x Jack (3.5 mm)/- • built-in microphone
LED Number Range Smart IR  WHITE LIGHT ILLUMINATOR LED Number Range Smart Light INTERFACES Audio Input/Output Network Interface	30 m  yes (software support)  1, warm white color  30 m  yes (software support)  1 x Jack (3.5 mm)/- • built-in microphone  1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
LED Number Range Smart IR  WHITE LIGHT ILLUMINATOR LED Number Range Smart Light INTERFACES Audio Input/Output Network Interface Memory Card Slot	30 m  yes (software support)  1, warm white color  30 m  yes (software support)  1 x Jack (3.5 mm)/- • built-in microphone  1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
LED Number Range Smart IR  WHITE LIGHT ILLUMINATOR LED Number Range Smart Light INTERFACES Audio Input/Output Network Interface Memory Card Slot INSTALLATION PARAMETERS	30 m  yes (software support)  1, warm white color  30 m  yes (software support)  1 x Jack (3.5 mm)/- • built-in microphone  1 x Ethernet - RJ-45 interface, 10/100 Mbit/s  microSD - capacity up to 256GB
LED Number Range Smart IR  WHITE LIGHT ILLUMINATOR LED Number Range Smart Light INTERFACES Audio Input/Output Network Interface Memory Card Slot INSTALLATION PARAMETERS Dimensions (mm)	30 m  yes (software support)  1, warm white color  30 m  yes (software support)  1 x Jack (3.5 mm)/- • built-in microphone  1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB
LED Number Range Smart IR  WHITE LIGHT ILLUMINATOR LED Number Range Smart Light INTERFACES Audio Input/Output Network Interface Memory Card Slot INSTALLATION PARAMETERS Dimensions (mm) Weight	30 m  yes (software support)  1, warm white color  30 m  yes (software support)  1 x Jack (3.5 mm)/- • built-in microphone  1 x Ethernet - RJ-45 interface, 10/100 Mbit/s microSD - capacity up to 256GB  95 (Φ) x 83 (H)  0.5 kg
LED Number Range Smart IR  WHITE LIGHT ILLUMINATOR LED Number Range Smart Light INTERFACES Audio Input/Output Network Interface Memory Card Slot INSTALLATION PARAMETERS Dimensions (mm) Weight Degree of Protection	30 m  yes (software support)  1, warm white color  30 m  yes (software support)  1 x Jack (3.5 mm)/- • built-in microphone  1 x Ethernet - RJ-45 interface, 10/100 Mbit/s  microSD - capacity up to 256GB  95 (Φ) x 83 (H)  0.5 kg  IP 67 (details in the user's manual)  vandalproof, IK10 impact rating, aluminium, grey • enclosure type:



Power Consumption

4 W • 6.5 W (IR illuminator on) • 7 W (white light illuminator on)



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Operating Temperature	-30°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)

