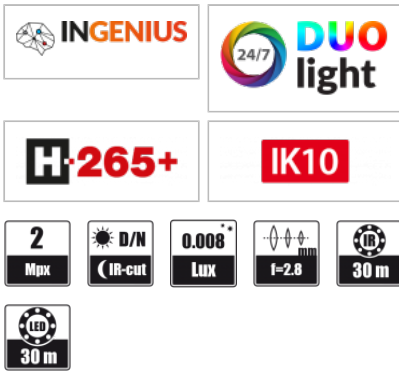


2 MPX Vandal Proof IP Camera with white light and IR illuminators

NVIP-2VE-6231/WL-II



KEY FEATURES



- Resolution: 2 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 (0 lx, IR on)
- IR LED, range up to 30 m
- white LED illuminator, range up to 30 m

COMPATIBILITY



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	2 MPX CMOS sensor 1/2.8" SmartSens
Number of Effective Pixels	1928 (H) x 1088 (V)
Min. Illumination	0.008 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
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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DAY/NIGHT

Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	2 ~ 6000 s
Switching Schedule	yes

NETWORK

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 1920 x 1080 (Full HD) and lower resolutions
Multistreaming Mode	3 streams
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, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, SSL/TLS, HTML5, RTMP
Camera Configuration	from Internet Explorer, Edge, Firefox, Chrome, Opera, Safari browser • languages: Polish, English, and others

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Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
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Mobile applications	N-VID6 (iPhone, Android)
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OTHER FUNCTIONS

Privacy Zones	4 video mask type: single color
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Motion Detection	yes
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Region of interest (ROI)	8
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Video Content Analysis (VCA)	tamper, 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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Image Processing	90° image rotation, 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip
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Prealarm/Postalarm	up to 6 s/up to 120 s
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System Reaction to Alarm Events	e-mail, e-mail with attachment, saving file on FTP server, saving file on SD card
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Restoring default settings	via web browser, using reset button, via NMS IPTool software
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IR LED

LED Number	1
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Range	30 m
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Smart IR	yes (software support)
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WHITE LIGHT ILLUMINATOR

LED Number	1, warm white color
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Range	30 m
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Smart Light	yes (software support)
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INTERFACES

Audio Input/Output	1 x Jack (3.5 mm)/- • built-in microphone
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Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
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Memory Card Slot	microSD - capacity up to 256GB
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INSTALLATION PARAMETERS

Dimensions (mm)	95 (Φ) x 83 (H)
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Weight	0.5 kg
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Degree of Protection	IP 67 (details in the user's manual)
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Enclosure	vandalproof IK10 impact rating aluminium, white
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Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
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Surge protection	TVS 4000 V
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Power Consumption	3 W • 6 W (IR illuminator on) • 4.5 W (white light illuminator on)
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Operating Temperature	-40°C ~ 60°C
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Humidity	max. 95%, relative (non-condensing)
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