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

NVIP-2VE-6231/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.

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

DIMENSIONS



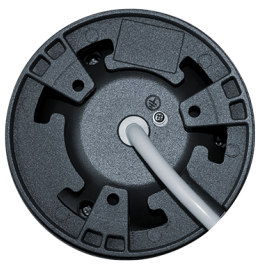


Image	
Image Sensor	2 MPX CMOS sensor 1/2.8" SmartSens
Number of Effective Pixels	1928 (H) x 1088 (V)
Min. Illumination	0.008 lx/F1.6 - color mode, 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/3 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1/3 s
Wide Dynamic Range (WDR)	yes (double scan 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
DORI	
DORI (Detection, Observation, Recognition, Identification)	for f = 2.8mm - D: 41m, O: 16m, R: 8m, I: 4m
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	1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 352 x 288 (CIF), 480 x 240
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, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, SSL/TLS, HTML5, RTMP, HTTP POST
Camera Configuration	from Internet Explorer, Edge, 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)
Video Analytics	
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
Other functions	
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
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, grey enclosure type: 6VE-S
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)

Surge protection	TVS 4000 V
Power Consumption	3 W, 6 W (IR illuminator on), 4.5 W (white light illuminator on)
Operating Temperature	-40°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)