

## Vandal Proof IP Camera NVIP-2VE-4231

4000 VSS IP



### KEY FEATURES



- Resolution: 2 MPX
- Lens: fixed focal,  $f=3.6$  mm/F2.2
- built-in microphone
- D/N function - IR cut filter
- microSD card support
- Min. Illumination: 0.1 lx (0 lx, IR on)
- IR LED, range up to 30 m
- "Two way power" - when connected to a PoE switch, it allows to power the low power receiver from the camera's power socket

### COMPATIBILITY



### DIMENSIONS



The camera is dedicated to work with NOVUS 4000 series recorders. Detailed data can be found in the compatibility table available in the **DOWNLOADABLE FILES** tab.

### IMAGE

Image Sensor	2 MPX CMOS sensor 1/2.7" SmartSens
Number of Effective Pixels	1920 (H) x 1080 (V)
Min. Illumination	0.1 lx/F1.2 - color mode • 0 lx (IR on) - B/W mode
Electronic Shutter	auto/manual: 1/5 s ~ 1/20000 s
Digital Slow Shutter (DSS)	up to 1/5 s
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes

### LENS

Lens Type	fixed focal, $f=3.6$ mm/F2.2
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### DORI

DORI (Detection, Observation, Recognition, Identification)	for $f = 3.6$ mm - D: 48m, O: 19m, R: 9.6m, I: 4.8m
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### DAY/NIGHT

Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Delay	1 ~ 36 s
Visible Light Sensor	yes

### NETWORK

Stream Resolution	1920 x 1080 (Full HD), 640 x 480 (VGA)
Frame Rate	30 fps for 1920 x 1080 (Full HD) • 20 fps for 640 x 480 (VGA)
Multistreaming Mode	number of streams: 2 (main stream, sub stream)
Video/Audio Compression	H.264, H.265/G.711
Number of Simultaneous Connections	max. 2 connections, (max. 20 streams in total)
Bandwidth	32 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SMTP

## Vandal Proof IP Camera NVIP-2VE-4231

Camera Configuration	from Internet Explorer browser • languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC

### OTHER FUNCTIONS

Privacy Zones	4 video mask type: single color
Motion Detection	yes
Image Processing	180° image rotation, vertical flip, horizontal flip
Prealarm/Postalarm	up to 5 s/up to 30 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, saving in the cloud storage
Restoring default settings	via web browser, using reset button

### IR LED

LED Number	2
Range	30 m
Smart IR	yes (hardware support)

### INTERFACES

Audio Input/Output	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)	100 (Φ) x 90 (H)
Weight	0.43 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	vandalproof, aluminium, white • enclosure type: 4VE-S
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	1.5 W • 4 W (IR illuminator on)
Operating Temperature	-30°C ~ 55°C
Humidity	max. 95%, relative (non-condensing)