

## Vandal Proof IP Camera with Motor-zoom Lens

### NVIP-5VE-4232M



#### KEY FEATURES



- Resolution: 5 MPX
- Lens: motorized, auto-focus function,  $f=2.7 \sim 13.5$  mm/F1.8
- support for Chrome, Firefox, Opera, Safari browsers
- D/N function - IR cut filter
- microSD card support
- two-way audio
- Min. Illumination: 0.05 lx (0 lx, IR on)
- IR LED, range up to 45 m
- "Two way power" - when connected to a PoE switch, it allows to power the low power receiver from the camera's power socket

#### COMPLIANCE



#### 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	5 MPX CMOS sensor 1/2.7" SmartSens
Number of Effective Pixels	2592 (H) x 1944 (V)
Min. Illumination	0.05 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	motorized, $f=2.7 \sim 13.5$ mm/F1.8
Auto-focus	zoom trigger, manual trigger

#### DORI

DORI (Detection, Observation, Recognition, Identification)	for $f = 2.7$ mm - D: 56m, O: 22.4m, R: 11m, I: 5.6m • for $f = 13.5$ mm - D: 240m, O: 96m, R: 11m, I: 5.6m
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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	2592 x 1520, 2592 x 1944, 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 960, 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA)
Frame Rate	20 fps for • 25 fps for • 30 fps for and lower resolutions
Multistreaming Mode	number of streams: 3 (main stream, sub stream, third stream)
Video/Audio Compression	H.264, H.265/G.711
Number of Simultaneous Connections	max. 3 connections, (max. 14 streams in total)
Bandwidth	20 Mb/s in total

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Network Protocols Support	HTTP, TCP/IP, IPv4/v6, HTTPS, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SNMP, SMTP, P2P, HTML5
Camera Configuration	from Internet Explorer, Firefox, Chrome, Opera, Safari browser • languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC
Mobile applications	RxCamView (iPhone, Android)

### OTHER FUNCTIONS

Privacy Zones	4 video mask type: single color
Motion Detection	yes
Audio 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	4
Range	45 m
Smart IR	yes (hardware support)

### INTERFACES

Audio Input/Output	1 x RCA/1 x RCA
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	microSD - capacity up to 256GB

### INSTALLATION PARAMETERS

Dimensions (mm)	135 (Φ) x 128 (H)
Weight	0.86 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	vandalproof, aluminium, white • enclosure type: 4VE-B
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	2 W • 5 W (IR illuminator on)
Operating Temperature	-30°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)