

Vandal-proof IP camera with white light and IR illuminators

NVIP-4VE-4231/WLAD





KEY FEATURES























- Resolution: 4 MPX
- •Lens: fixed focal, f=2.8 mm/F1.0
- active deterrence
- •D/N function IR cut filter
- •Video content analysis based on Deep Learning
- microSD card support
- •two-way audio
- •Min. Illumination: 0.0005 lx (0 lx, IR on)
- •IR LED, range up to 25 m
- •white LED illuminator, range up to 20 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





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 | | |
|---|---|--|
| Image Sensor | 4 MPX CMOS sensor 1/3" SmartSens | |
| Number of Effective Pixels | 2560 (H) x 1440 (V) | |
| Min. Illumination | 0.0005 lx/F1.0 - 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 | |
| Highlight Compensation (HLC) | yes | |
| Back Light Compensation (BLC) | yes | |
| Reduction of image flicker (Antiflicker) | yes | |

LENS

| Lens Type | fixed focal, f=2.8 mm/F1.0 |
|-----------|----------------------------|
| DAY/NIGHT | |

DAY/NIGHT

| • | | |
|-----------------|---|--|
| Switching Type | mechanical IR cut filter auto, manual, time | |
| Switching Mode | | |
| Switching Delay | 1 ~ 36 s | |

| NETWORK | |
|------------------------------|--|
| Stream Resolution | 640 x 480 (VGA), 2560 x 1440 (QHD) |
| Frame Rate | 25 fps for each resolution |
| Multistreaming Mode | 2 streams |
| Video/Audio Compression | H.264, H.265/G.711 |
| Number of Simultaneous Conne | ctionsmax. 3 connections, (max. 10 streams in total) |
| Bandwidth | 15 Mb/s in total |
| Network Protocols Support | HTTP, TCP/IP, IPv4, HTTPS, DHCP, DNS, DDNS, NTP, RTSP, RTP, SMTP, P2P |
| Camera Configuration | from Internet Explorer browser • languages: Polish, English, Russian, and others |
| Compatible Software | NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC |
| Mobile applications | RxCamView (iPhone, Android) |





NoVus

NoVus:

90 mm

100 mm (Ø)



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|----|-----|-----|------|-----|
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| OTHER FUNCTIONS | | |
|---------------------------------|--|--|
| Privacy Zones | 4 video mask type: single color | |
| Motion Detection | yes | |
| Audio Detection | yes | |
| Video Content Analysis (VCA) | line cross, zone violation, object counting, smart motion detection with objects distinguishing | |
| 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 SD card, active deterrent functions | |
| Determent | white LEDs, steady/flashing light, red and blue LEDs, flashing light, audio signaling device (siren) | |
| Restoring default settings | via web browser, using reset button | |
| IR LED | | |
| LED Number | 1 | |
| Range | 25 m | |
| Smart IR | yes (hardware support) | |
| WHITE LIGHT ILLUMINATOR | | |
| LED Number | 2, warm white color | |
| Range | 20 m | |
| Smart Light | yes (hardware support) | |
| , | 7 | |
| INTERFACES | | |
| Audio Input/Output | built-in microphone/speaker | |
| 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 (Ф) x 90 (H) | |
| Weight | 0.43 kg | |
| Degree of Protection | IP 66 (details in the user's manual) | |
| Enclosure | vandalproof aluminium, white | |
| Power Supply | 12 VDC, PoE (IEEE 802.3af, Class 3) | |
| Surge protection | TVS 4000 V | |
| Power Consumption | 1.5 W • 3 W (IR illuminator on) • 5.5 W (white light illuminator on) • 6.5 W (active deterrence functions enabled) | |
| Operating Temperature | -35°C ~ 60°C | |
| | | |

max. 95%, relative (non-condensing)



Humidity