# NOVUS

## Vandal Proof IP Camera with Motor-zoom Lens

### NVIP-4VE-4202M (NVIP-4DN2004V/IR-1P-II)

**4000 IP** | **VSS**

## KEY FEATURES

**VCA ANALYSIS** | **H·265**

**4 Mpx** | **D/N IR-cut** | **0.06 Lux** | **f=2.7~13.5 mm** | **IR 40 m**

- Resolution: 4 MPX
- Lens: motorized, auto-focus function, f=2.7 ~ 13.5 mm/F1.3
- D/N function - IR cut filter
- Video content analysis
- WDR with double scan sensor
- Min. Illumination: 0.06 lx (0 lx, IR on)
- IR LED, range up to 40 m

## DIMENSIONS

128 mm

135 mm (Ø)

## IMAGE

| | |
|---|---|
| Image Sensor | 4 MPX CMOS sensor 1/3" OmniVision |
| Number of Effective Pixels | 2688 (H) x 1520 (V) |
| Min. Illumination | 0.06 lx/F1.3 - 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 (double scan sensor), 90dB |
| Digital Noise Reduction (DNR) | 2D, 3D |
| Defog Function (F-DNR) | yes |
| Back Light Compensation (BLC) | yes |

## LENS

| | |
|---|---|
| Lens Type | motorized, f=2.7 ~ 13.5 mm/F1.3 |
| Auto-focus | zoom trigger, day/night mode trigger, manual trigger |

## DAY/NIGHT

| | |
|---|---|
| Mode | day/night switching: mechanical IR cut filter |
| Switching Mode | auto, manual |
| Switching Delay | 1 ~ 36 s |
| Visible Light Sensor | yes |

## NETWORK

| | |
|---|---|
| Stream Resolution | 2592 x 1520, 2304 x 1296, 1920 x 1080 (Full HD), 2048 x 1520, 1280 x 960, 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 320 x 240 (QVGA) |
| Frame Rate | 20 fps for • 30 fps for and lower resolutions |
| Multistreaming Mode | number of streams: 3 |
| Video/Audio Compression | H.264, H.265/- |
| Number of Simultaneous Connections | max. 10 |
| Bandwidth | 63 Mb/s in total |
| Network Protocols Support | HTTP, TCP/IP, IPv4, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, SMTP |
| ONVIF Protocol Support | Profile S (ONVIF 2.6) |
| Camera Configuration | from Internet Explorer browser • languages: Polish, English, Russian, and others |
| Compatible Software | NOVUS MANAGEMENT SYSTEM VSS |
| Mobile applications | RxCamView (iPhone, Android) |

## VIDEO ANALYTICS

| Functions | tamper, abandoned object, object disappearance, line cross, zone entrance, face detection, pedestrian detection, cross counting |
|---|---|

### OTHER FUNCTIONS

| | |
|---|---|
| Privacy Zones | 4 |
| Motion Detection | yes |
| Region of interest (ROI) | 8 |
| Image Processing | 180˚ image rotation, corridor mode, vertical flip, horizontal flip |
| System Reaction to Alarm Events | e-mail with attachment, saving file on FTP server |

### IR LED

| | |
|---|---|
| LED Number | 40 |
| Range | 40 m |
| Angle | 120° |

### INTERFACES

| | |
|---|---|
| Network Interface | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s |

### INSTALLATION PARAMETERS

| | |
|---|---|
| Dimensions (mm) | 135 (Φ) x 128 (H) |
| Weight | 0.7 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 | 2 W • 6 W (IR illuminator on) |
| Operating Temperature | -35°C ~ 60°C |