

## Cube IP camera

NVIP-4Q-6101/PIR/W

6000 VSS IP



### KEY FEATURES



- Resolution: 4 MPX
- access to the camera via the Internet thanks to P2P connectivity
- Lens: fixed focal, f=2.1 mm/F2.1
- two-way audio
- D/N function - IR cut filter
- Video content analysis
- reduction of false alarms - PIR detector
- microSD card support
- WDR with double scan sensor
- two-way audio
- Min. Illumination: 0.01 lx (0 lx, IR on)
- IR LED, range up to 10 m

### COMPLIANCE



### DIMENSIONS

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.

### IMAGE

|                                          |                                                     |
|------------------------------------------|-----------------------------------------------------|
| Image Sensor                             | 4 MPX CMOS sensor 1/3" SmartSens                    |
| Number of Effective Pixels               | 2568 (H) x 1448 (V)                                 |
| Min. Illumination                        | 0.01 lx/F2.1 - color mode • 0 lx (IR on) - B/W mode |
| Electronic Shutter                       | auto: 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)            | 2D, 3D                                              |
| Highlight Compensation (HLC)             | yes                                                 |
| Back Light Compensation (BLC)            | yes                                                 |
| Reduction of image flicker (Antiflicker) | yes                                                 |

### LENS

|           |                            |
|-----------|----------------------------|
| Lens Type | fixed focal, f=2.1 mm/F2.1 |
|-----------|----------------------------|

### DORI

|                                                            |                                              |
|------------------------------------------------------------|----------------------------------------------|
| DORI (Detection, Observation, Recognition, Identification) | for f = 2.1mm - D: 36m, O: 14m, R: 7m, I: 4m |
|------------------------------------------------------------|----------------------------------------------|

### DAY/NIGHT

|                            |                                               |
|----------------------------|-----------------------------------------------|
| Mode                       | day/night switching: mechanical IR cut filter |
| Switching Mode             | auto, manual, time, external                  |
| Switching Level Adjustment | yes                                           |
| Switching Delay            | 2 ~ 6000 s                                    |
| Visible Light Sensor       | yes                                           |

### NETWORK

|                                    |                                                                                                               |
|------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Stream Resolution                  | 2560 x 1440 (QHD), 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 352 x 288 (CIF), 480 x 240 |
| Frame Rate                         | 30 fps for each resolution                                                                                    |
| Multistreaming Mode                | number of streams: 2 (main stream, sub stream)                                                                |
| Video/Audio Compression            | H.264, H.264+, H.265, H.265+, MJPEG/G.711                                                                     |
| Number of Simultaneous Connections | max. 2                                                                                                        |
| Bitrate                            | for H.264 : 64 kbps - 6144 kbps • for H.265 : 64 kbps - 6144 kbps                                             |

## Cube IP camera NVIP-4Q-6101/PIR/W



|                           |                                                                                                              |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| Network Protocols Support | HTTP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, UPnP, QoS, IEEE 802.1X, PPPoE, SMTP, P2P, HTML5, RTMP |
| ONVIF Protocol Support    | Profile G/S/T/M                                                                                              |
| Camera Configuration      | from Edge, Firefox, Chrome, Opera browser • languages: Polish, English, and others                           |
| Compatible Software       | NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC                                                      |
| Mobile applications       | ipGO 6 (iPhone, Android)                                                                                     |

### WIFI

|                    |                           |
|--------------------|---------------------------|
| Network standard   | IEEE802.11b, g, n         |
| Band               | 2.4GHz                    |
| Security           | WEP, WPA-PSK/WPA2-PSK     |
| Transmission range | up to 50 m                |
| Antenna            | built-in, omnidirectional |

### VIDEO ANALYTICS

|           |                                                                                                                   |
|-----------|-------------------------------------------------------------------------------------------------------------------|
| Functions | tamper, line cross, pedestrian detection, intrusion detection, smart motion detection with objects distinguishing |
|-----------|-------------------------------------------------------------------------------------------------------------------|

### OTHER FUNCTIONS

|                                 |                                                                                                                                                                                                        |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Security                        | IEEE 802.1X support, HTTPS support, IP and/or MAC address filtering, force change of default password, compliance with the EN18031 standard defining cybersecurity standards for radio and IoT devices |
| Privacy Zones                   | 4 video mask type: single color                                                                                                                                                                        |
| Motion Detection                | yes                                                                                                                                                                                                    |
| PIR detector                    | range up to 5 m                                                                                                                                                                                        |
| Region of interest (ROI)        | 8                                                                                                                                                                                                      |
| Image Processing                | sharpening, mirror effect, vertical flip                                                                                                                                                               |
| Prealarm/Postalarm              | up to 6 s/up to 120 s                                                                                                                                                                                  |
| System Reaction to Alarm Events | e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, playback of the audio message                                                                      |
| Determent                       | built-in speaker (predefined voice messages)                                                                                                                                                           |
| Restoring default settings      | via web browser, using reset button, via NMS IPTool software                                                                                                                                           |

### IR LED

|            |                        |
|------------|------------------------|
| LED Number | 1                      |
| Range      | 10 m                   |
| Smart IR   | yes (hardware support) |

### INTERFACES

|                    |                                                                     |
|--------------------|---------------------------------------------------------------------|
| Audio Input/Output | built-in microphone/speaker                                         |
| Alarm Input/Output | 1 (NO/NC)/1 relay type (max. 12VDC/300mA)                           |
| Network Interface  | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s • 1 x Wireless (WiFi) |
| Memory Card Slot   | microSD - capacity up to 128GB                                      |

### INSTALLATION PARAMETERS

|                 |                                                                     |
|-----------------|---------------------------------------------------------------------|
| Dimensions (mm) | 63 (W) x 109 (H) x 27 (L) • with bracket: 72 (W) x 130 (H) x 72 (L) |
| Weight          | 0.2 kg                                                              |

## Cube IP camera **NVIP-4Q-6101/PIR/W**

|                       |                                                                                |
|-----------------------|--------------------------------------------------------------------------------|
| Enclosure             | plastic, black and white, wall mount/base in-set included • Enclosure type: 4Q |
| Power Supply          | 12 VDC, PoE (IEEE 802.3af, Class 3)                                            |
| Power Consumption     | 3 W • 4 W (IR illuminator on)                                                  |
| Operating Temperature | -20°C ~ 50°C                                                                   |
| Humidity              | max. 95%, relative (non-condensing)                                            |

*The declared range of the WiFi network is based on laboratory research and relates to open spaces. It should be noted, that the materials used for the construction of houses and flats, wall thickness and electromagnetic field conditions in the immediate surroundings may affect the range of the network.*