

**Bullet IP Camera** 

NVIP-2H-4231



## **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

COMPLIANCE



### DIMENSIONS



NoVus'

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  | 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<br>(Antiflicker)                   | yes  |
| LENS  |  |
| Lens Type   | fixed focal, f=3.6 mm/F2.2   |
| DORI  |  |
| DORI (Detection, Observation,<br>Recognition, Identification) | for f = 2.8mm - D: 48m, O: 19m, R: 9.6m, I: 4.8m                                 |
| DAY/NIGHT   |  |
| Mode  | day/night switching: 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)   |
| Multistreaming Mode   | number of streams: 2 (main stream, sub stream)                                   |
| Video/Audio Compression                                       | H.264, H.265/G.711   |
| Number of Simultaneous Connection                             | onsmax. 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      |
| Camera Configuration  | from Internet Explorer browser • languages: Polish, English, Russian, and others |





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| 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                | $180^\circ$ 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         | 6  |
| Dimensions (mm)                 | with bracket: 71 (Φ) x 150 (L)   |
| Weight                          | 0.4 kg   |
| Degree of Protection            | IP 66 (details in the user's manual)   |
| Enclosure                       | aluminium, white, fully cable managed wall mount bracket in-set included , IK10 impact rating • enclosure type: 4H-B |
| Power Supply                    | 12 VDC, PoE (IEEE 802.3af, Klasa 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)  |

