

# NOVUS

## 4 MPX Bullet IP Camera with high sensitivity supported by AI Night Colors

NVIP-4H-6601/WL/F



### FUNCTIONS



### COMPLIANCE



### KEY FEATURES

- Resolution: 4 MPX
- Lens: fixed focal, f=2.8 mm/F1.0
- Human/Vehicle Object Classification
- D/N function - IR cut filter
- Video content analysis based on Deep Learning
- microSD card support
- Min. Illumination from 0.0005 lx
- white LED illuminator, range up to 20 m

### 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 1/2.9" SmartSens                                                                                                                                                                                                                      |
| Min. Illumination                                          | 0.0005 lx/F1.0 - color mode                                                                                                                                                                                                                             |
| Electronic Shutter                                         | auto/manual: 1/3 s ~ 1/100000 s                                                                                                                                                                                                                         |
| Digital Slow Shutter (DSS)                                 | up to 1/3 s                                                                                                                                                                                                                                             |
| Wide Dynamic Range (WDR)                                   | yes                                                                                                                                                                                                                                                     |
| Digital Image Stabilization (DIS)                          | yes                                                                                                                                                                                                                                                     |
| Digital Noise Reduction (DNR)                              | 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                                                                                                                                                                                                                              |
| DORI                                                       |                                                                                                                                                                                                                                                         |
| DORI (Detection, Observation, Recognition, Identification) | for f = 2.8mm - D: 61m, O: 24m, R: 12m, I: 6m                                                                                                                                                                                                           |
| Day/Night                                                  |                                                                                                                                                                                                                                                         |
| Mode                                                       | color image around the clock                                                                                                                                                                                                                            |
| Network                                                    |                                                                                                                                                                                                                                                         |
| Stream Resolution                                          | 2688 x 1520, 2560 x 1440 (QHD), 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 640 x 360, 352 x 288 (CIF), 480 x 240                                                                                                               |
| Frame Rate                                                 | 30 fps for each resolution                                                                                                                                                                                                                              |
| Multistreaming Mode                                        | number of streams: 3                                                                                                                                                                                                                                    |
| Video/Audio Compression                                    | H.264, H.264+, H.265, H.265+, MJPEG/G.711                                                                                                                                                                                                               |
| Number of Simultaneous Connections                         | max. 10                                                                                                                                                                                                                                                 |
| Bitrate                                                    | for H.264 : 128 kbps - 8192 kbps<br>for H.265 : 32 kbps - 7168 kbps                                                                                                                                                                                     |
| Network Protocols Support                                  | HTTP, IPv4, IPv4v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, P2P, HTMLS, RTMP, HTTP POST                                                                                                           |
| Camera Configuration                                       | from Internet Explorer, Edge, Firefox, Chrome, Opera browser<br>languages: Polish, English, and others                                                                                                                                                  |
| Compatible Software                                        | NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000                                                                                                                                                                                 |
| Mobile applications                                        | iPGO 6 (iPhone, Android)                                                                                                                                                                                                                                |
| Video Analytics                                            |                                                                                                                                                                                                                                                         |
| Functions                                                  | abandoned object, object disappearance, line cross, zone entrance, zone exit, zone violation, face detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, smart motion detection with objects distinguishing |
| Other functions                                            |                                                                                                                                                                                                                                                         |
| Security                                                   | video encryption, configuration encryption, IEEE 802.1X support, HTTPS support, Basic authorization for HTTP/RTSP, MAC/IP address filtering, force change of default password, authorization Token for HTTP/RTSP                                        |
| Privacy Zones                                              | 4 video mask type: single color                                                                                                                                                                                                                         |
| Motion Detection                                           | yes                                                                                                                                                                                                                                                     |
| Region of interest (ROI)                                   | 8                                                                                                                                                                                                                                                       |
| Audio Detection                                            | yes                                                                                                                                                                                                                                                     |
| Image Processing                                           | 90° image rotation, 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal 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                                                                                                                                                                               |
| Restoring default settings                                 | via web browser, using reset button, via NMS IPTool software                                                                                                                                                                                            |
| White light illuminator                                    |                                                                                                                                                                                                                                                         |
| LED Number                                                 | 1, warm white color                                                                                                                                                                                                                                     |
| Range                                                      | 20 m                                                                                                                                                                                                                                                    |
| Smart Light                                                | yes (software support)                                                                                                                                                                                                                                  |
| Launching                                                  | automatic, manual, timing                                                                                                                                                                                                                               |
| Interfaces                                                 |                                                                                                                                                                                                                                                         |
| Audio Input/Output                                         | 1 x Jack (3.5 mm)/-<br>built-in microphone                                                                                                                                                                                                              |
| Network Interface                                          | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s                                                                                                                                                                                                           |
| Memory Card Slot                                           | microSD - capacity up to 512GB                                                                                                                                                                                                                          |
| Installation parameters                                    |                                                                                                                                                                                                                                                         |
| Dimensions (mm)                                            | with bracket: 75 (W) x 75 (H) x 170 (L)                                                                                                                                                                                                                 |
| Weight                                                     | 0.4 kg                                                                                                                                                                                                                                                  |
| Degree of Protection                                       | IP 67 (details in the user's manual)                                                                                                                                                                                                                    |
| Enclosure                                                  | aluminium, white, fully cable managed wall mount bracket in-set included, IK10 impact rating<br>enclosure type: 4H-B                                                                                                                                    |
| Power Supply                                               | 12 VDC, PoE (IEEE 802.3af, Klasa 3)                                                                                                                                                                                                                     |
| Surge protection                                           | TVS 4000 V                                                                                                                                                                                                                                              |
| Power Consumption                                          | 4 W,<br>6 W (white light illuminator on)                                                                                                                                                                                                                |

Operating Temperature  
Humidity

-30°C ~ 60°C  
max. 95%, relative (non-condensing)