

## 2 MPX Bullet IP camera with white light and IR illuminators

**NVIP-2H-6232/WL-II/7043**

**6000** VSS  
IP



### KEY FEATURES



- Resolution: 2 MPX
- Lens: varifocal, f=2.8 ~ 12 mm/F1.4
- MicroSD card support
- D/N function - IR cut filter
- Video content analysis based on Deep Learning
- microSD card support
- WDR with double scan sensor
- Min. Illumination from 0.006 lx (0 lx, IR on)
- IR LED, range up to 50 m
- white LED illuminator, range up to 40 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                             | 2 MPX CMOS sensor 1/2.8" SmartSens                   |
| Number of Effective Pixels               | 1928 (H) x 1088 (V)                                  |
| Min. Illumination                        | 0.006 lx/F1.4 - color mode • 0 lx (IR on) - B/W 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 (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 | varifocal, f=2.8 ~ 12 mm/F1.4 |
|-----------|-------------------------------|

### DORI

|                                                            |                                                                                               |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| DORI (Detection, Observation, Recognition, Identification) | for f = 2.8mm - D: 43m, O: 17m, R: 9m, I: 4m • for f = 12mm - D: 132m, O: 53m, R: 26m, I: 13m |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------|

### DAY/NIGHT

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

### NETWORK

|                                    |                                                                                                                                                         |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stream Resolution                  | 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 352 x 288 (CIF), 480 x 240                                                          |
| 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. 4                                                                                                                                                  |
| Bandwidth                          | 8 Mb/s in total                                                                                                                                         |
| Network Protocols Support          | HTTP, TCP/IP, IPv4, IPv6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, SSL/TLS, HTML5, RTMP, HTTP POST |

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|                        |                                                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------|
| ONVIF Protocol Support | Profile G/S/T                                                                                                    |
| Camera Configuration   | from Internet Explorer, Edge, Firefox, Chrome, Opera, Safari 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 | tamper, abandoned object, object disappearance, line cross, scene change, video blurred, video color cast, objects distinguishing, intrusion detection |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|

### OTHER FUNCTIONS

|                                 |                                                                                   |
|---------------------------------|-----------------------------------------------------------------------------------|
| Privacy Zones                   | 4 video mask type: single color                                                   |
| Motion Detection                | yes                                                                               |
| Region of interest (ROI)        | 8                                                                                 |
| Image Processing                | 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, 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                      |

### IR LED

|            |                        |
|------------|------------------------|
| LED Number | 2                      |
| Range      | 50 m                   |
| Smart IR   | yes (software support) |

### WHITE LIGHT ILLUMINATOR

|             |                        |
|-------------|------------------------|
| LED Number  | 1, warm white color    |
| Range       | 40 m                   |
| Smart Light | yes (software support) |

### INTERFACES

|                    |                                               |
|--------------------|-----------------------------------------------|
| Audio Input/Output | 1 x Jack (3.5 mm)/- • 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

|                       |                                                                    |
|-----------------------|--------------------------------------------------------------------|
| Dimensions (mm)       | with bracket: 81 (W) x 81 (H) x 220 (L)                            |
| Weight                | 0.66 kg                                                            |
| Degree of Protection  | IP 67 (details in the user's manual)                               |
| Power Supply          | 12 VDC, PoE (IEEE 802.3af, Class 3)                                |
| Surge protection      | TVS 4000 V                                                         |
| Power Consumption     | 3 W • 7.5 W (IR illuminator on) • 5 W (white light illuminator on) |
| Operating Temperature | -40°C ~ 60°C                                                       |
| Humidity              | max. 95%, relative (non-condensing)                                |