# 2 MPX Bullet IP Camera with white light and IR illuminator

NVIP-2H-6103/WL/LITE



## FUNCTIONS

**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.**

## KEY FEATURES

- Resolution: 2 MPX
- Lens: fixed focal, f=2.8 mm/F2.0
- built-in microphone
- D/N function - IR cut filter
- Video content analysis based on Deep Learning
- Min. Illumination from 0.02 lx (0 lx, IR on)
- IR LED, range up to 30 m
- white LED illuminator, range up to 20 m

## DIMENSIONS




| | |
|---|---|
| **Image** | |
| Image Sensor | 2 MPX CMOS sensor 1/3" SmartSens |
| Min. Illumination | 0.02 lx/F2.0 - color mode,<br>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 |
| Digital Noise Reduction (DNR) | 3D |
| Defog Function (F-DNR) | yes |
| Highlight Compensation (HLC) | yes |
| Back Light Compensation (BLC) | yes |
| Reduction of image flicker (Antiflicker) | yes |
| **Lens** | |
| Lens Type | fixed focal, f=2.8 mm/F2.0 |
| **DORI** | |
| DORI (Detection, Observation, Recognition, Identification) | for f = 2.8mm - D: 44m, O: 18m, R: 9m, I: 4m |
| **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), 640 x 360, 352 x 288 (CIF), 480 x 240 |
| Frame Rate | 30 fps for each resolution |
| Multistreaming Mode | number of streams: 2 |
| Video/Audio Compression | H.264, H.264+, H.265, H.265+, MJPEG/G.711 |
| Number of Simultaneous Connections | max. 6 |
| Bitrate | for H.264 : 32 kbps - 4096 kbps<br>for H.265 : 32 kbps - 3072 kbps |
| Network Protocols Support | HTTP, IPv4, IPv4/v6, UDP, DHCP, NTP, RTSP, IEEE 802.1X, P2P, HTML5 |
| Camera Configuration | from 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 | line cross, intrusion detection<br>functions intrusion and line crossing respond only to people |
| **Other functions** | |
| Security | video encryption, configuration encryption, IEEE 802.1X support, Basic authorization for HTTP/RTSP, IP and/or MAC 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) | 4 |
| Image Processing | sharpening, mirror effect, vertical flip, horizontal flip |
| Prealarm/Postalarm | -/up to 120 s |
| Restoring default settings | via web browser, via NMS IPTool software, via IP Tool 6000 software |
| **IR LED** | |
| LED Number | 1 |
| Range | 30 m |
| Smart IR | yes (software support) |
| **White light illuminator** | |
| LED Number | 1, warm white color |
| Range | 20 m |
| Smart Light | yes (software support) |
| **Interfaces** | |
| Audio Input/Output | built-in microphone |
| Network Interface | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s |
| **Installation parameters** | |
| Dimensions (mm) | with bracket: 75 (W) x 75 (H) x 165 (L) |
| Weight | 0.22 kg |
| Degree of Protection | IP 67 (details in the user's manual) |
| Enclosure | plastic - metal, white, fully cable managed wall mount bracket in-set included<br>enclosure type: 6H-SL |
| Power Supply | PoE (IEEE 802.3af, Class 3) |
| Surge protection | TVS 4000 V |
| Power Consumption | 3 W,<br>6 W (IR illuminator on),<br>4.5 W (white light illuminator on) |
| Operating Temperature | -20°C ~ 55°C |
| Humidity | max. 95%, relative (non-condensing) |