



8 MPX Bullet IP Camera

NVIP-8H-6511/F



FUNCTIONS



KEY FEATURES

- Resolution: 8 MPX (4K Ultra HD)
- Lens: fixed focal, f=2.8 mm/F1.6
- Human/Vehicle Object Classification
- D/N function - IR cut filter
- Video content analysis based on Deep Learning
- microSD card support
- WDR with double scan sensor
- Min. Illumination: 0.02 lx (0 lx, IR on)
- IR LED, range up to 50 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 | 8 MPX CMOS sensor 1/2.8" SONY STARVIS |
| Number of Effective Pixels | 3864 (H) x 2192 (V) |
| Min. Illumination | 0.02 lx/F1.6 - 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 |
| 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/F1.6 |
| Day/Night | |
| Switching Type | mechanical IR cut filter |
| Switching Mode | auto, manual, time |
| Switching Level Adjustment | yes |
| Switching Delay | 2 – 120 s |
| Switching Schedule | yes |
| Visible Light Sensor | yes |
| Network | |
| Stream Resolution | 3840 x 2160 (4K Ultra HD), 3072 x 2048, 2560 x 1440 (QHD), 2592 x 1520, 2592 x 1944, 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA), 480 x 240 |
| Frame Rate | 20 fps for 3840 x 2160 (UHD), 3072 x 2048, 30 fps for 2592 x 1944, 2560 x 1440 (QHD), 60 fps for 1920 x 1080 (Full HD) and lower resolutions |
| Multistreaming Mode | 3 streams |
| Video/Audio Compression | H.264, H.264+, H.264 Smart, H.265, H.265+, H.265 Smart, MJPEG/G.711 |
| Number of Simultaneous Connections | max. 10 |
| Bandwidth | 60 Mb/s in total |
| Network Protocols Support | HTTP, TCP/IP, IPv4, IPv4v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, UPnP, SNMP, QoS/DSCP, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP, Unicast, SSL/TLS |
| Camera Configuration | from Internet Explorer browser languages: Polish, English, and others |
| Compatible Software | NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000 |
| Mobile applications | SuperLive Plus (iPhone, Android) |
| Other functions | |
| Privacy Zones | 4 video mask type: single color or 1 video mask type: mosaic |
| Motion Detection | yes |
| Region of interest (ROI) | 8 |
| Video Content Analysis (VCA) | tamper, line cross, zone entrance, zone exit, face detection, cross counting, scene change, video blurred, video color cast, objects distinguishing, people counting, vehicle counting, intrusion detection |
| Image Processing | 180° image rotation, sharpening, mirror effect, corridor mode, vertical flip, horizontal flip, lens distortion correction |
| 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) |
| Interfaces | |
| Audio Input/Output | 1 x Jack (3.5 mm)/- |
| 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 | 0.7 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 |
| Power Supply | 12 VDC, PoE (IEEE 802.3af, Class 3) |
| Surge protection | TVS 4000 V |
| Power Consumption | 6 W, 10 W (IR illuminator on) |
| Operating Temperature | -30°C – 60°C |
| Humidity | max. 95%, relative (non-condensing) |

The camera creates a fully functional face recognition system when used with selected NOVUS IP 6000 series recorders (models with "F" in the name).