

## Bullet IP Camera

**NVIP-8H-6211**

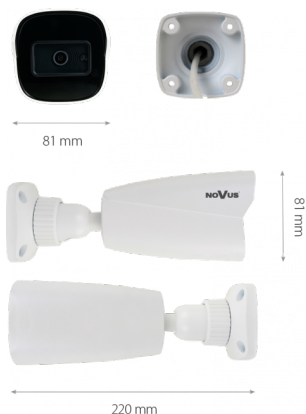


### KEY FEATURES



- Resolution: 8 MPX (4K Ultra HD)
- Lens: fixed focal,  $f=2.8$  mm/F1.6
- D/N function - IR cut filter
- Video content analysis
- microSD card support
- WDR with double scan sensor
- Min. Illumination: 0.06 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                        | 0.06 lx/F1.6 - color mode • 0 lx (IR on) - B/W mode |
| Electronic Shutter                       | auto/manual: 1/2 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

|                            |                                               |
|----------------------------|-----------------------------------------------|
| Mode                       | day/night switching: 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 1944, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 704 x 480, 352 x 288 (CIF), 352 x 240, 480 x 240 |
| Frame Rate                         | 20 fps for • 30 fps for and lower resolutions                                                                                                                               |
| Multistreaming Mode                | number of streams: 3                                                                                                                                                        |
| Video/Audio Compression            | H.264, H.264+, H.265, H.265+/G.711                                                                                                                                          |
| Number of Simultaneous Connections | max. 10                                                                                                                                                                     |
| Bandwidth                          | 40 Mb/s in total                                                                                                                                                            |
| Network Protocols Support          | HTTP, IPv4, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, ICMP                                                     |

## Bullet IP Camera NVIP-8H-6211

|                        |                                                                                  |
|------------------------|----------------------------------------------------------------------------------|
| ONVIF Protocol Support | Profile G/S                                                                      |
| Camera Configuration   | from Internet Explorer browser • languages: Polish, English, Russian, and others |
| Compatible Software    | NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000          |
| Mobile applications    | SuperLive Plus (iPhone, Android)                                                 |

### VIDEO ANALYTICS

|           |                                                                                  |
|-----------|----------------------------------------------------------------------------------|
| Functions | tamper, line cross, zone entrance, scene change, video blurred, video color cast |
|-----------|----------------------------------------------------------------------------------|

### OTHER FUNCTIONS

|                                 |                                                                                                                           |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Privacy Zones                   | 4 video mask type: single color                                                                                           |
| Motion Detection                | yes                                                                                                                       |
| Region of interest (ROI)        | 3                                                                                                                         |
| 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 • 11 W (IR illuminator on)                                                                |
| Operating Temperature | -30°C ~ 60°C                                                                                  |
| Humidity              | max. 95%, relative (non-condensing)                                                           |