



# Bullet IP Camera with Motor-zoom Lens

NVIP-5H-6412M/F



6000

VSS  
IP

## FUNCTIONS



## KEY FEATURES

- Resolution: 5 MPx
- Lens: motorized, auto-focus function, f=2.8 ~ 12 mm/F1.4
- D/N function - IR cut filter
- Video content analysis
- microSD card support
- WDR with double scan sensor
- Min. Illumination: 0.017 lx (0 lx, IR on)
- IR LED, range up to 50 m

## DIMENSIONS



| Image                                    |                                                                                                                                                                         |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                             | 5 MPx CMOS sensor 1/2.5" APTINA                                                                                                                                         |
| Number of Effective Pixels               | 2592 (H) x 1944 (V)                                                                                                                                                     |
| Min. Illumination                        | 0.017 lx/F1.4 - 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                                                                                                                                                             |
| 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                                | motorized, f=2.8 ~ 12 mm/F1.4                                                                                                                                           |
| Auto-focus                               | zoom trigger, day/night mode trigger, manual trigger                                                                                                                    |
| 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                        | 2592 x 1944, 2592 x 1520, 2560 x 1440 (QHD), 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 640 x 480 (VGA), 480 x 240, 320 x 240 (QVGA)                          |
| Frame Rate                               | 30 fps for 2592 x 1944 and lower resolutions                                                                                                                            |
| Multistreaming Mode                      | 3 streams                                                                                                                                                               |
| Video/Audio Compression                  | H.264, H.264+, H.265, H.265+, MJPEG/G.711                                                                                                                               |
| Number of Simultaneous Connections       | max. 6                                                                                                                                                                  |
| Bandwidth                                | 60 Mb/s in total                                                                                                                                                        |
| Network Protocols Support                | HTTP, TCP/IP, IPv4, IPv4/v6, UDP, HTTPS, Multicast, FTP, DHCP, DDNS, NTP, RTSP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, SSL, ICMP, Unicast                                 |
| Camera Configuration                     | from Internet Explorer browser<br>languages: Polish, English, Russian, and others                                                                                       |
| Compatible Software                      | NOVUS MANAGEMENT SYSTEM VSS, NVR-6000 Viewer                                                                                                                            |
| 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)                 | 3                                                                                                                                                                       |
| Video Content Analysis (VCA)             | tamper, abandoned object, object disappearance, line cross, zone entrance, object counting, multi loiter, face detection, scene change, video blurred, video color cast |
| Image Processing                         | 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                                                                                                            |
| IR LED                                   |                                                                                                                                                                         |
| LED Number                               | 2                                                                                                                                                                       |
| Range                                    | 50 m                                                                                                                                                                    |
| Angle                                    | 90°                                                                                                                                                                     |
| Smart IR                                 | yes (hardware 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 128GB                                                                                                                                          |
| 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                        | 5.5 W,<br>9 W (IR illuminator on)                                                                                                                                       |
| Operating Temperature                    | -30°C ~ 60°C                                                                                                                                                            |