



## Bullet IP Camera

NVIP-5H-4402/F



4000

VSS  
IP

### FUNCTIONS



### KEY FEATURES

- Resolution: 5 MPX
- Lens: varifocal, f=2.7 ~ 12 mm/F1.6
- D/N function - IR cut filter
- Video content analysis
- microSD card support
- two-way audio
- Min. Illumination: 0.01 lx (0 lx, IR on)
- IR LED, range up to 40 m

### DIMENSIONS



| Image                              |                                                                                                                                                   |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                       | 5 MPX CMOS sensor 1/2.8" SONY STARVIS                                                                                                             |
| Number of Effective Pixels         | 2616 (H) x 1964 (V)                                                                                                                               |
| Min. Illumination                  | 0.01 lx/F1.2 - color mode,<br>0 lx (IR on) - B/W mode                                                                                             |
| Electronic Shutter                 | auto/manual: 1/5 s ~ 1/20000 s                                                                                                                    |
| Digital Slow Shutter (DSS)         | up to 1/5 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                                                                                                                                               |
| Lens                               |                                                                                                                                                   |
| Lens Type                          | varifocal, f=2.7 ~ 12 mm/F1.6                                                                                                                     |
| Day/Night                          |                                                                                                                                                   |
| Switching Type                     | mechanical IR cut filter                                                                                                                          |
| Switching Mode                     | auto, manual, time                                                                                                                                |
| Switching Delay                    | 1 ~ 36 s                                                                                                                                          |
| Switching Schedule                 | yes                                                                                                                                               |
| Visible Light Sensor               | yes                                                                                                                                               |
| Network                            |                                                                                                                                                   |
| Stream Resolution                  | 2592 x 1944, 2592 x 1520, 2304 x 1296, 2048 x 1536 (QXGA), 1920 x 1080 (Full HD), 1280 x 960, 1280 x 720 (HD), 640 x 480 (VGA), 320 x 240 (QVGA)  |
| Frame Rate                         | 30 fps for each resolution                                                                                                                        |
| Multistreaming Mode                | 3 streams                                                                                                                                         |
| Video/Audio Compression            | H.264, H.265/G.711, G.726, ADPCM                                                                                                                  |
| Number of Simultaneous Connections | max. 6                                                                                                                                            |
| Bandwidth                          | 64 Mb/s in total                                                                                                                                  |
| Network Protocols Support          | HTTP, TCP/IP, IPv4, FTP, DHCP, DNS, DDNS, NTP, RTSP, RTP, UPnP, PPoE, SMTP                                                                        |
| Camera Configuration               | from Internet Explorer browser                                                                                                                    |
| Compatible Software                | languages: Polish, English, Russian, and others                                                                                                   |
| Mobile applications                | NOVUS MANAGEMENT SYSTEM VSS<br>RxCamView (iPhone, Android)                                                                                        |
| Other functions                    |                                                                                                                                                   |
| Privacy Zones                      | 4                                                                                                                                                 |
| Motion Detection                   | yes                                                                                                                                               |
| Region of interest (ROI)           | 8                                                                                                                                                 |
| Audio Detection                    | yes                                                                                                                                               |
| Video Content Analysis (VCA)       | tamper, abandoned object, object disappearance, line cross, zone entrance, face detection, pedestrian detection, cross counting, face recognition |
| Image Processing                   | 180° image rotation, corridor mode, vertical flip, horizontal flip                                                                                |
| Prealarm/Postalarm                 | up to 5 s / up to 300 s                                                                                                                           |
| System Reaction to Alarm Events    | e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation                                                |
| IR LED                             |                                                                                                                                                   |
| LED Number                         | 30                                                                                                                                                |
| Range                              | 40 m                                                                                                                                              |
| Angle                              | 120°                                                                                                                                              |
| Smart IR                           | yes (software support)                                                                                                                            |
| Interfaces                         |                                                                                                                                                   |
| Video Output                       | BNC, 1.0 Vp-p, 75 Ohm                                                                                                                             |
| Audio Input/Output                 | 1 x RCA/1 x RCA                                                                                                                                   |
| Alarm Input/Output                 | 1 (NO/NC)/1 relay type (max. 12VDC/300mA)                                                                                                         |
| 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: 84 (Ø) x 241 (L)                                                                                                                    |
| Weight                             | 0.7 kg                                                                                                                                            |
| Degree of Protection               | IP 66 (details in the user's manual)                                                                                                              |
| Enclosure                          | aluminium, white, fully cable managed wall mount bracket in-set included                                                                          |
| Power Supply                       | 12 VDC, PoE (IEEE 802.3af, Class 3)                                                                                                               |
| Surge protection                   | TVS 4000 V                                                                                                                                        |
| Power Consumption                  | 4 W,<br>7 W (IR illuminator on)                                                                                                                   |
| Operating Temperature              | -30°C ~ 55°C                                                                                                                                      |
| Humidity                           | max. 95%, relative (non-condensing)                                                                                                               |