



# Thermal IP Bullet Camera

NVIP-H-8541/T



## FUNCTIONS



## COMPATIBILITY



## KEY FEATURES

- lens: thermal fixed focal length, f=50 mm/F1.0
- Video content analysis
- SD card support
- Temperature Measurement
- Temperature Alarm
- Ability to observe in total darkness
- two-way audio

## DIMENSIONS



110 mm (Ø)



388 mm

|                                    |  |
|------------------------------------|--|
| <b>Image - Thermal Module</b>      |  |
| Image Sensor                       | Uncooled FPA Microbolometer  |
| Number of Effective Pixels         | 400 (H) x 300 (V)  |
| Pixel Size                         | 17 µm  |
| Spectral Range                     | 8 - 14 µm  |
| Thermal Sensitivity                | 40 mK  |
| Thermovision Modes                 | White Hot, Black Hot, Rainbow, Ironbow, HSV, Autumn, Bone, Cool, Copper, Fire Hot, Pink, Spring, Summer, Winter, Jet, Flame, Rosebengal  |
| Detection Temperature              | -20°C ~ 150°C  |
| Digital Noise Reduction (DNR)      | 2D, 3D   |
| <b>Lens - Thermal Module</b>       |  |
| Lens Type                          | fixed focal length, f=50 mm/F1.0, with manual focus  |
| Object Detection Range             | 1471m - human, 4510m - vehicle   |
| Object Recognition Range           | 368m - human, 1127m - vehicle  |
| <b>Network</b>                     |  |
| Stream Resolution                  | 720 x 576 (D1), 352 x 288 (CIF)  |
| Frame Rate                         | 30 fps for each resolution   |
| Multistreaming Mode                | 2 streams (main stream, sub stream)  |
| Video/Audio Compression            | H.264, H.265/G.711, RAW_PCM  |
| Number of Simultaneous Connections | max. 6   |
| Bandwidth                          | 8 Mb/s in total  |
| Network Protocols Support          | HTTP, TCP/IP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DNS, DDNS, RTSP, RTP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, HTML5   |
| ONVIF Protocol Support             | Profile S  |
| Camera Configuration               | from Internet Explorer, Edge, Firefox, Chrome browser<br>languages: Polish, English, and others  |
| Compatible Software                | NOVUS MANAGEMENT SYSTEM VSS  |
| <b>Other functions</b>             |  |
| Temperature Measurement            | yes  |
| Temperature Alarm                  | yes  |
| Temperature Measurement Zones      | 20 polygon, line, point  |
| Temperature Measurement Accuracy   | +2°C / +2%   |
| Privacy Zones                      | 4 video mask type: single color  |
| Motion Detection                   | yes  |
| Audio Detection                    | yes  |
| Video Content Analysis (VCA)       | abandoned object, object disappearance, line cross, zone entrance, zone exit, double line cross, loiter, converse, pedestrian detection, people counting, vehicle detection, human body temperature measuring, intrusion detection, smoker detection, fire detection |
| Prealarm/Postalarm                 | up to 5 MB/up to 86400 s   |
| System Reaction to Alarm Events    | e-mail, saving file on FTP server, saving file on SD card, alarm output activation   |
| Restoring default settings         | using reset button   |
| <b>Interfaces</b>                  |  |
| Audio Input/Output                 | 1/1  |
| Alarm Input/Output                 | 2 (NO/NC)/2  |
| RS-485                             | yes  |
| Network Interface                  | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s  |
| Memory Card Slot                   | SD - capacity up to 128GB  |
| <b>Installation parameters</b>     |  |
| Dimensions (mm)                    | with bracket: 110 (Ø) x 388 (L)  |
| Weight                             | 1.9 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, 24 VAC, PoE (IEEE 802.3af, Class 3)  |
| Surge protection                   | TVS 4000 V   |
| Power Consumption                  | 6 W  |
| Operating Temperature              | -40°C ~ 60°C   |
| Humidity                           | max. 90% relative (non-condensing)   |