

## Thermal IP Bullet Camera

**NVIP-T5001H-1P**

**5000 PRO**  
IP SERIES



### KEY FEATURES



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- Lens: thermal, f=15 mm/F1.0
- Temperature Measurement
- Temperature Alarm
- Ability to observe in total darkness

### COMPLIANCE



### DIMENSIONS



### IMAGE - THERMAL MODULE

|                             |                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | Uncooled FPA Microbolometer                                                                                                 |
| Number of Effective Pixels  | 396 (H) x 264 (V)                                                                                                           |
| Pixel Size                  | 20 µm                                                                                                                       |
| Spectral Range              | 8 - 14 µm                                                                                                                   |
| Thermal Sensitivity         | 50 mK                                                                                                                       |
| Thermovision Modes          | White Hot, Black Hot, Rainbow, Ironbow, HSV, Autumn, Bone, Cool, Copper, Fire Hot, Pink, Spring, Summer, Winter, Jet, Flame |
| Detection Temperature Range | -10°C ~ 200°C                                                                                                               |

### LENS - THERMAL MODULE

|                          |                                  |
|--------------------------|----------------------------------|
| Lens Type                | fixed focal length, f=15 mm/F1.0 |
| Object Recognition Range | 200m - human , 350m - vehicle    |

### IMAGE

|                               |        |
|-------------------------------|--------|
| Digital Noise Reduction (DNR) | 2D, 3D |
|-------------------------------|--------|

### NETWORK

|                                    |                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------|
| Stream Resolution                  | for thermal module: 704 x 480, 352 x 240                                         |
| Frame Rate                         | 30 fps for each resolution                                                       |
| Multistreaming Mode                | number of streams: 2                                                             |
| Video/Audio Compression            | H.264, MJPEG/G.711, RAW_PCM                                                      |
| Number of Simultaneous Connections | max. 8                                                                           |
| Bandwidth                          | 15 Mb/s in total                                                                 |
| Network Protocols Support          | HTTP, TCP/IP, IPv4/v6, UDP, DHCP, DNS, RTSP, PPPoE, SMTP, RTCP                   |
| ONVIF Protocol Support             | Profile S (ONVIF 2.4)                                                            |
| Camera Configuration               | from Internet Explorer browser • languages: Polish, English, Russian, and others |
| Compatible Software                | NOVUS MANAGEMENT SYSTEM VSS                                                      |

### OTHER FUNCTIONS

|                               |                                    |
|-------------------------------|------------------------------------|
| Temperature Measurement       | yes                                |
| Temperature Alarm             | yes - for thermal module           |
| Temperature Measurement Zones | 7                                  |
| Privacy Zones                 | 5                                  |
| Motion Detection              | yes                                |
| Image Processing              | 180° image rotation, mirror effect |
| Prealarm/Postalarm            | up to 5 MB/up to 86400 s           |

## Thermal IP Bullet Camera NVIP-T5001H-1P

System Reaction to Alarm Events e-mail, saving file on SD card, alarm output activation

### INTERFACES

|                    |                                               |
|--------------------|-----------------------------------------------|
| Video Output       | BNC, 1.0 Vp-p, 75 Ohm - maintenance only      |
| Audio Input/Output | 1 x RCA/1 x RCA                               |
| Alarm Input/Output | 2 (NO/NC)/2                                   |
| Network Interface  | 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s |
| Memory Card Slot   | SD - capacity up to 32GB                      |

### INSTALLATION PARAMETERS

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| Dimensions (mm)       | with bracket: 110 (Φ) 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, PoE (IEEE 802.3af, Class 3)                                      |
| Power Consumption     | 9 W                                                                      |
| Operating Temperature | -30°C ~ 55°C                                                             |

*Motion Detection function and seven Temperature Measurement Zones available from firmware version v2.0.0603.1002.89.0.160.0.11.*