Thermal IP Bullet Camera

NVIP-H-8001/T

FUNCTIONS

VCA ANALYSIS

THERMO VISION

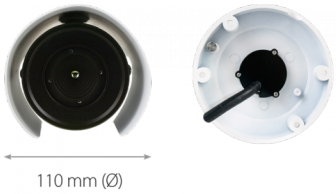
H.265 SMART

f=8

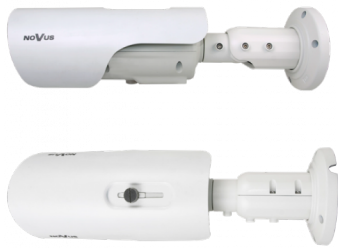
KEY FEATURES

- Lens: thermal, f=8 mm/F1.0
- Video content analysis
- SD card support
- Temperature Measurment
- Temperature Alarm
- Ability to observe in total darkness

DIMENSIONS



110 mm (Ø)



388 mm

Image - Thermal Module	
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	-40°C ~ 150°C
Lens - Thermal Module	
Lens Type	fixed focal length, f=8 mm/F1.0
Object Detection Range	235m - human , 722m - vehicle
Object Recognition Range	59m - human , 180m - vehicle
Image	
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Network	
Stream Resolution	704 x 576, 704 x 480, 352 x 288 (CIF), 352 x 240
Frame Rate	25 fps for 704 x 576, 30 fps for 704 x 480 and lower resolutions
Multistreaming Mode	2 streams
Video/Audio Compression	H.264, H.264 Smart, H.265, H.265 Smart, 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, HTTPS, FTP, DHCP, DNS, RTSP, RTP, PPPoE, SMTP, RTCP, Unicast
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
Temperature Measurement Zones	19 polygon, line, point
Privacy Zones	5
Motion Detection	yes
Video Content Analysis (VCA)	abandoned object, object disappearance, line cross, zone entrance, double line cross
Image Processing	180˚ image rotation, mirror effect
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
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
RS-485	yes
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Memory Card Slot	SD - capacity up to 128GB
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)
Surge protection	TVS 4000 V
Power Consumption	6 W
Operating Temperature	-40°C ~ 60°C
Humidity	max. 90%, relative (non-condensing)

The above data applies to cameras with firmware v3.6.0825.1004.89.0.29.3.4