

noVus

Thermal IP Bullet Camera

NVIP-H-8001/T



8000

VSS
PROJECT

FUNCTIONS

VCA
ANALYSIS

THERMO
VISION

H.265
SMART

KEY FEATURES

- Lens: thermal, f=8 mm/F1.0
- Video content analysis
- SD card support
- Temperature Measurement
- 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 Range	-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, 30 fps for and lower resolutions
Multistreaming Mode	number of streams: 2
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/IPv6, UDP, FTPS, FTP, DHCP, DNS, RTSP, RTP, PPPoE, SMTP, RTCP, Unicast
ONVIF Protocol Support	Profile S
Camera Configuration	from Internet Explorer browser languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS
Video Analytics	
Functions	abandoned object, object disappearance, line cross, zone entrance, double line cross
Other functions	
Temperature Measurement	yes
Temperature Alarm	yes
Temperature Measurement Zones	19 polygon, line, point
Privacy Zones	5
Motion Detection	yes
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/I 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)
Power Supply	12 VDC, PoE (IEEE 802.3af, Klasa 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