Thermal IP Bullet Camera

NVIP-H-8521/T



KEY FEATURES

- •lens: thermal fixed focal length, f=25 mm/F1.0
- •Video content analysis
- •SD card support
- •Temperature Measurment
- •Temperature Alarm
- •Ability to observe in total darkness
- •two-way audio

COMPLIANCE

DIMENSIONS



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	-20°C ~ 150°C
Digital Noise Reduction (DNR)	2D, 3D

LENS - THERMAL MODULE

Lens Type	fixed focal length, f=25 mm/F1.0, with manual focus
Object Detection Range	735m - people , 2255m - vehicles
Object Recognition Range	184m - human , 564m - vehicle

NETWORK

Stream Resolution	720 x 576 (D1), 352 x 288 (CIF)
Frame Rate	30 fps for each resolution
Multistreaming Mode	number of streams: 2 (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 • languages: Polish, English, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS

VIDEO ANALYTICS

Functions	abandoned object, object disappearance, line cross, zone entrance, zone exit, double line cross, loiter, wrong direction, pedestrian detection, objects distinguishing, people counting, vehicle detection, human body temperature mesuring, intrusion detection, smoker detection, fire detection

OTHER FUNCTIONS

Temperature Measurement	yes
Temperature Alarm	yes

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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	
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

INTERFACES

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

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, 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)