Dual IP camera (thermal/optical) with body temperature measuring feature

NVIP-2H-8912M/TS



KEY FEATURES

- **up to 16 people simultaneus measurement within less than 1s**
- **measuring accuracy up to +/- 0,3 ° C**
- **breducing number of false alarms thanks to VCA - the measurment is limited to detected face only**
- **measured temperature value is assigned to specific person, captured image and temperature value are both stored in a databse in order to carry out further analysis**

NOTICE: The camera is a part of the set NVIP-2H-8912M/TS SET and cannot be purchased separatelly.

- •Resolution: 2 MPX (Full HD)
- •Lens: motorized, auto-iris and auto-focus function, f=2.7 ~ 12 mm/F1.6 ~ 2.9
- •lens: thermal fixed focal length, f=8 mm/F1.0
- •face detection and body temperature measuring wiht +/- 0.3°C accuracy - thermovison module
- •D/N function - IR cut filter
- •Video content analysis
- •Temperature Alarm
- •Ability to observe in total darkness - Thermal Module

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 ~ 60°C

LENS - THERMAL MODULE

Lens Type	fixed focal length, f=8 mm/F1.0

IMAGE

Image Sensor	2 MPX CMOS sensor 1/1.9” SONY
Number of Effective Pixels	1945 (H) x 1097 (V)
Min. Illumination	0.02 lx/F1.6 - color mode • 0.002 lx/F1.6 - B/W mode
S/N Ratio	> 55 dB (AGC off)
Electronic Shutter	auto: 1/5 s ~ 1/20000 s
Wide Dynamic Range (WDR)	yes (double scan sensor), 120dB
Digital Image Stabilization (DIS)	yes
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes

LENS

Lens Type	motorized, auto-iris function, f=2.7 ~ 12 mm/F1.6 ~ F2.9
Auto-focus	zoom trigger, day/night mode trigger, manual trigger

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DAY/NIGHT

Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Schedule	yes

NETWORK

Stream Resolution	1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 704 x 480, 640 x 480 (VGA), 640 x 360, 352 x 288 (CIF), 352 x 240, 320 x 240 (QVGA), 176 x 144 (QCIF) • for thermal module: 704 x 576, 352 x 288 (CIF)
Frame Rate	30 fps for • 25 fps for
Multistreaming Mode	number of streams: 2
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, DHCP, DNS, RTSP, RTP, PPPoE, SMTP, RTCP
Camera Configuration	from Internet Explorer browser • languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, N Control 8000

VIDEO ANALYTICS

Functions	abandoned object, object disappearance, line cross, zone entrance, double line cross, face detection, human body temperature mesuring

OTHER FUNCTIONS

Temperature Measurement	yes
Temperature Alarm	yes
Temperature Measurement Accuracy	+/- 0.3°C - przy zastosowaniu urządzenia kalibrującego NV-BBU
Privacy Zones	5
Motion Detection	yes

INTERFACES

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

INSTALLATION PARAMETERS

Dimensions (mm)	182 (W) x 136 (H) x 212 (L)
Weight	2 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, white • Enclosure type: 8S1
Power Supply	12 VDC, PoE (IEEE 802.3af, Class 3)
Power Consumption	10 W
Operating Temperature	-30°C ~ 60°C
Humidity	max. 90%, relative (non-condensing)