Dual PTZ IP Camera (Thermal/Visual)

NVIP-T54/2DN5022DPT-1



FUNCTIONS

THERMO VISION · 2 Mpx · D/N IR-cut · f=50 · ×22 Zoom

COMPATIBILITY

NMS Compatible

ONVIF

KEY FEATURES

- Resolution: 2 MPX
- Lens: motorized varifocal, AI and AF function, optical zoom 22x, f=4.7 ~ 103 mm/F1.6 ~ 3.2
- lens: thermal fixed focal length, f=50 mm/F1.0
- D/N function - IR cut filter
- Temperature Measurment - Thermal Module.
- Temperature Alarm - Thermal Module
- Ability to observe in total darkness - Thermal Module

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, Rosebengal
Detection Temperature	-10°C ~ 200°C
Digital Noise Reduction (DNR)	2D, 3D
Lens - Thermal Module	
Lens Type	fixed focal length, f=50 mm/F1.0
Object Recognition Range	650m - human , 1200m - vehicle
Image	
Image Sensor	2 MPX CMOS sensor 1/2.8" SONY Exmor
Number of Effective Pixels	1920 (H) x 1080 (V)
Min. Illumination	0.36 lx/F1.6 - color mode, 0.18 lx/F1.6 - B/W mode
S/N Ratio	> 50 dB (AGC off)
Electronic Shutter	auto: 1/25 s ~ 1/1000 s
Wide Dynamic Range (WDR)	yes
Digital Noise Reduction (DNR)	3D
Defog Function (F-DNR)	yes
Lens	
Optical Zoom	22x
Lens Type	motorized, auto-iris function, f=4.7 ~ 103 mm/F1.6 ~ F3.2
Auto-focus	continuous, zoom trigger, manual trigger
Day/Night	
Switching Type	mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Schedule	yes
Visible Light Sensor	yes
Network	
Stream Resolution	1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 640 x 480 (VGA), 640 x 360, 352 x 288 (CIF), 320 x 240 (QVGA) for thermal module: 704 x 480, 352 x 240
Frame Rate	30 fps for each resolution
Multistreaming Mode	2 streams
Video/Audio Compression	H.264, MJPEG/-
Number of Simultaneous Connections	max. 8
Bandwidth	15 Mb/s in total
Network Protocols Support	HTTP, TCP/IP, IPv4/v6, UDP, DHCP, DNS, DDNS, RTSP, PPPoE, SMTP, RTCP
Camera Configuration	from Internet Explorer, Firefox, Chrome, Opera browser languages: Polish, English, Russian, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS
PTZ	
Preset Commands	233
Tours	6 (up to 16 presets per tour)
Auto-Scans	6
Patterns	3 (max. 1000 commands or 300 s for each pattern)
Tilt/Pan Range	-85° ~ 85°/360° (continuous)
Pan/Tilt Speed	up to 80°/s
Preset Speed	up to 80°/s
Other functions	
Temperature Measurement	yes - for thermal module
Temperature Alarm	yes - for thermal module
Temperature Measurement Zones	5 - for thermal module
Image Processing	180˚ image rotation, mirror effect
Prealarm/Postalarm	up to 5 MB/up to 86400 s
System Reaction to Alarm Events	e-mail
Interfaces	
Video Output	BNC, 1.0 Vp-p, 75 Ohm - maintenance only, for visual module
Network Interface	1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Installation parameters	
Dimensions (mm)	with bracket: 375 (W) x 246 (H) x 225 (L)
Weight	8 kg
Degree of Protection	IP 66 (details in the user's manual)
Enclosure	aluminium, white,
Power Supply	12 VDC (100 ~ 230 VAC/12 VDC PSU in-set included)
Power Consumption	30 W, 35 W (heater on)
Operating Temperature	-30°C ~ 55°C
Built-in Heater/Fan	yes/yes