

Hybrid Dual Image Thermal Network Camera

256x192 HP Thermal Image + 1080P SONY Video Image with free VMS for Temp. Measure & Alarm

- ★ Built-in HP 256x192 VOx Uncooled Thermal Sensor.
- ★ Built-in SONY 1080P IMX307 Starlight CMOS Image Sensor.
- ★ Hybrid (Two-Sensor) Dual Image H.265 IP Camera.
- ★ Multiple Pseudo-Color Modes Adjustable.
- ★ Support Measure Body Temperature Detection (30 Targets).
- ★ Measurement Accuracy: Max. $\pm 0.3^{\circ}\text{C}$ (without Black Body).
- ★ Support ONVIF, GB/T28181 Network Standard Protocol.
- ★ Built-in Alarm Output & Audio Input/Output.
- ★ Support Whole / Regional Area Temperature Measurement.

2-in-1

MADE IN TAIWAN



Model No. NT229R

- Hybrid
- HP Thermal
- SONY Starlight
- Dual Display
- Audio
- Alarm
- ONVIF

Free VMS

Thermal Camera	
Image Sensor	HP Uncooled VOx Microbolometer
Effective Pixels	256(H)x192(V)
Pixel Size	12 μm
Thermal Sensitivity	NETD <50mk@F/1.1
Spectral Range	8~14 μm
Image Setting	Brightness/Sharpness/AGC/3DNR
Color Palettes	Whitehot/Blackhot/Ironrow/Icefire/Fusion/Rainbow/Globow... etc.
Lens	Fixed 6.0mm
Focal Length	3.5mm (H: 50.6°/V: 37.8°) 7.1mm (H: 24.0°/V: 18.0°)
Video Camera	
Image Sensor	SONY 1080P IMX307 Starlight CMOS
Effective Pixels	1920(H)x1080(V)
Electronic Shutter	1/1~1/30,000s
Min. Illumination	Color: 0.005Lux@F1.2 B/W: 0.001Lux@F1.2
IR LED	1 Array 850nm IR
IR Distance	35M
IR Control	Auto/Manual
Lens	Fixed 4.0mm/F1.2
Angle of View	H: 84°/V: 45°
Temperature Measurement	
Measurement Range	30°C~+45°C
Accuracy	Max. $\pm 0.3^{\circ}\text{C}$, $\pm 0.3\%$ (w/o Black Body)
Measurement Mode	Whole Area/Regional Area
Environmental	
Operating Condition	-20°C~55°C
Storage Condition	10°C~40°C
Camera Housing	Metal for Indoor Use

Video	
Compression	H.265/H.264
Thermal Frame Rate	Main: 1280x960/1024x768/480x256 Sub: 640x480/256x192
Visible Frame Rate	Main: 1920x1080/1280x720 Sub: 720x576/320x288
Bit Rate	640~8192Kbps
Day/Night	Auto(ICR)/Color/B/W
BLC Mode	BLC/HLC/WDR
White Balance	Auto/Manual
WDR	$\geq 80\text{dB}$
Noise Reduction	3DNR
Motion Detetion	Off/On (4 Zone in Rectangle)
Defog	Off/On
Flip	180°
Mirror	Off/On
Privack Masking	Off/On (4 Zone in Rectangle)
Audio	
Compression	G.711a
Input/Output	1CH/1CH
Alarm	
Output	1CH
Network	
Network Port	1xRJ45 10/100 BaseT, Built-in 6KV Anti-static Lightning Protection
Protocol	RTSP/RTP/TCPIP/UDP/UPNP/DHCP/PPPoE/HTTP/HTTPS
Interoperability	ONVIF/GB/T28181
Power Supply	DC12V
Power Consumption	$\leq 5\text{W}$
Dimensions/Weight	246x101x81mm(w/Bracket)/1Kg