SN-TPC6406KT-F

Thermal Imaging Bullet Network Camera



Key Features

- Uncooled VOx Micro bolometer with 640×512 resolution
- 9/15/25/35/50 mm fixed lens optional
- Sensitivity ≤40mK
- Support temperature monitoring and alarm
- Support humanoid/vehicle detection, fire point detection
- Intelligent function: intrusion, single line crossing, double line crossing, loitering, wrong way, enter area, leave area
- Support 3 temperature measurement rule types (spot, line, area)
- Temperature measurement range: -20°C ~ 150°C (-4°F ~ 302°F)
- Support DC12V/PoE/AC24V power supply
- IP66

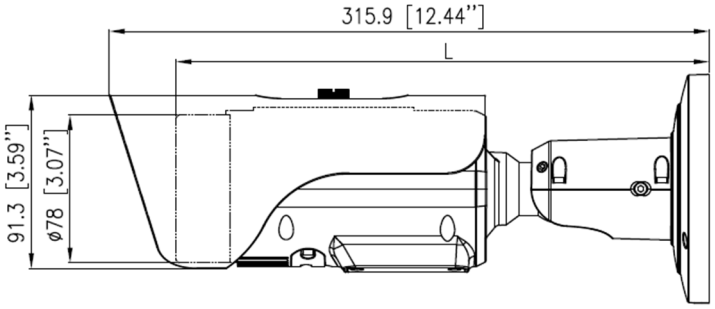
Specification

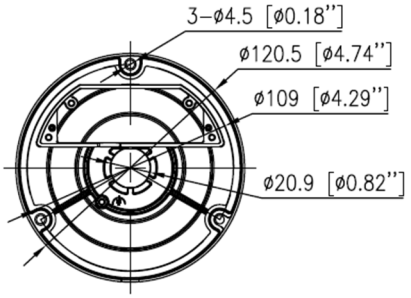
Thermal Camera					
Image Sensor	Uncooled VOx Micro bolometer 640×512				
Resolution	Sensor is 640×512. Image can be scaled up to 1280×1024				
Pixel Pitch	12μm				
Response Waveband	8-14μm				
Thermal Sensitivity (NETD)	≤ 40 mK				
Lens Type	Fixed focal length				
Focus Control	Free focus				
Focal Length	9 mm	15 mm	25 mm	35 mm	50 mm
F No.	F1.0	F1.0	F1.0	F1.0	F1.0
Angle of View	H: 48°, V:38°	H:32°, V:26°	H:17°, V:14°	H: 12°, V:10°	H: 8°, V:7°
Min. Focusing Distance	1.73 m	3.79 m	13 m	25.49 m	52.3 m
Detection Distance (Fire: 1m×1m)	375 m	625 m	1042 m	1458 m	2083 m
Detection Distance (Humans: 1.8×0.5m)	375 m	624 m	1040 m	1456 m	2081 m
Detection Distance (Vehicles: 4×1.5m)	1150 m	1917 m	3194 m	4472 m	6389 m
Recognition Distance (Humans: 1.8×0.5m)	94 m	156 m	260 m	364 m	520 m
Recognition Distance (Vehicles 4×1.5m)	288 m	479 m	799 m	1118 m	1597 m
Video and Audio					
Main Stream	1280×1024, 1280×720, 640×512 @ 25/30fps				
Sub Stream	D1, CIF @ 25/30fps				
Bit Rate Control	CBR/VBR				
Bit Rate	Main stream: 100Kbps ~ 8Mbps Sub stream: 100Kbps ~ 6Mbps				
Region of Interest	Off / On (8 Zone, Rectangle)				
Smart Encode	Support				
Audio Compression	G.711: 8kbps, RAW_PCM: 16kbps				
Image					
Image Setting	Brightness, Sharpness, Contrast				
Mirror	Support				
Pseudo-color Setting	White-hot/Black-hot/Rainbow/Ironbow etc. up to 17 modes				
DVE Image Enhance	Support				
Noise Reduction	2D/3D DNR				
Privacy Masking	Support				
Smart Function					
Smart Alarm	Motion detection, I/O alarm, Disk alarm, IVS alarm, Temperature detection & alarm				
Smart Detection	Support human/vehicle detection, fire point detection				
Smart Events	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, Enter area, Leave area Support alarm triggering by specified target types (human and vehicle)				

Temperature Detection	
Temperature Detection	Support 3 temperature measurement rule types (Spot, Line, Area)
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	±2℃ / ±2%
Response Time	≤ 30ms
Temperature Measurement Range	-20°C ~ 150°C (-4°F ~ 302°F)
Network	
Protocols	IPv4/IPv6 ,HTTP,RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, 802.1x
Interoperability	ONVIF, SDK
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Web Language	English, Chinese, Polish, Italian, Portuguese, Spanish. Russian, French, Czech, Hungarian
Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch input, 1ch output
Alarm Interface	2ch input, 2ch output
Control Interface	1ch RS485
CVBS Interface	BNC, 75 ohm
Reset Button	Support
SD Card Slot	Built-in, up to 256GB
General	
Power Supply	DC12V/PoE/AC24V
Power Consumption	Max 5 W
Working Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Storage Conditions	0~ 90% RH
Certifications	CE/FCC
Ingress Protection	IP66
Casing	Metal
Dimensions	φ120.5 × 315.9 ~ 352.6 mm (φ4.74 × 12.44 ~ 13.88 inch)
Net Weight	1.85 kg (4.08 lb) with 9mm lens

Dimensions (mm)

With 9/15mm Lens





Accessories

Optional:



SN-CBK646
Junction Box



SN-CBK627D
Pole Mount

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