



SN-TPC2552DT-F

Dual-spectral Network Bullet Camera



Key Features

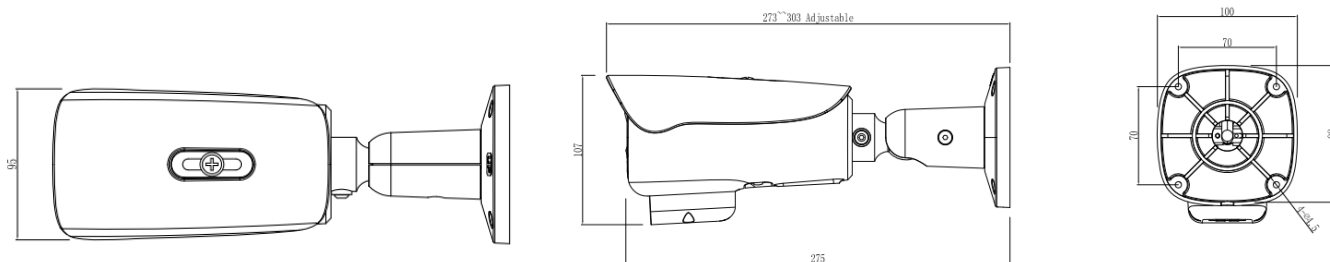
- Uncooled VOx Micro bolometer with 256×192 resolution
- Thermal: 3.2 mm fixed lens, Visible: 4 mm fixed lens (8mm optional)
- Sensitivity < 50mK
- Support temperature monitoring and exception alarm
- Support 3 temperature measurement rule types (Spot, Line, Area)
- Support human detection and vehicle detection
- Intelligent analysis: Perimeter, Single virtual fence, Double virtual fence, Multi loiter, Converse, Personnel count, Enter area, Leave area
- Support sound-light alarm
- Image processing technology: DVE, 3D DNR, Defog, WDR
- Smart IR distance up to 35m

Specification

Thermal Camera	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Resolution	256×192, Image can be scaled up to 704×576
Pixel Size	12um
Spectral Range	8~14um
Thermal Sensitivity (NETD)	< 50mK
Image Setting	Brightness/Sharpness/Contrast/Mirror/FFC/3D DNR
Color Palettes	17 (White-hot/Black-hot/Rainbow/Ironbow etc.)
Lens Type	Fixed lens
Focus Control	Free focus
Focal Length	3.2 mm
F No.	F1.1
Angle of View	H: 56°, V: 42°
Detection Distance for Humans (1.8×0.5m)	133m
Detection Distance for Vehicles (4×1.5m)	409m
Recognition Distance for Human (1.8×0.5m)	33m
Recognition Distance for Vehicle (4×1.5m)	102m
Fire Detection Distance for Object (0.1×0.1m)	13m
Fire Detection Distance for Object (1×1m)	133m
Visible Camera	
Image Sensor	1/2.8" Sony CMOS
Effective Resolution	1920(H)×1080(V)
Shutter Speed	1/5 ~ 1/20,000s
Wide Dynamic Range	True WDR 120dB
Min. Illumination	Color: 0.01Lux @(F1.2, AGC ON) BW: 0.001Lux @(F1.2, AGC ON)
S/N Ratio	More than 55dB
Focal Length	4 mm (8mm optional)
Angle of View	H: 84°, V: 45°
Video and Audio	
Frame Rate	Main Stream: Visible: 1920×1080/1280×720 @25/30fps Thermal: 704×576 @25/30fps Sub Stream: Visible: D1/VGA/640×360/CIF/QVGA @25/30fps Thermal: CIF @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Main Stream: Visible: 100Kbps~12Mbps, Thermal: 100Kbps~6Mbps Sub Stream: Visible: 10Kbps~6Mbps, Thermal: 10Kbps~1.5Mbps
Region of Interest	Off / On (8 Zone, Rectangle)
Digital Zoom	16x
Mirror	Support
Defog	Support

Motion Detection	Support
Privacy Masking	Off / On (5 Area, Rectangle)
DVE Image Enhance	Support
Audio Compression	G.711: 8kbps, RAW_PCM: 16kbps
Smart Function	
Smart Function	Temperature measurement, human detection and vehicle detection
Intelligent Analysis	Perimeter, Single virtual fence, Double virtual fence, Multi loiter, Converse, Enter area, Leave area (these 7 function support accurate detection of people/vehicles), Personnel count,
Sound-light Alarm	Support white light flashing and horn warning
Temperature Measurement	Support 3 temperature measurement rule types (Spot, Line, Area)
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	±2°C / ±2%
Response Time	≤ 30ms
Temperature Measurement Range	-15°C ~ 150°C (5°F ~ 302°F)
Network	
Protocols	IPv4/IPv6, HTTP, RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, 802.1x
Interoperability	ONVIF
Max. User Access	10 Users
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
Built-in Speaker	Support
Alarm Interface	2ch input, 2ch output
RS485	Support
BNC Output	Support
Reset Button	Support
SD Card Slot	Support, up to 256GB
General	
Power Supply	DC12V/DC24V/POE (IEEE 802.3af)
Power Consumption	Max 12W
Working Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Storage Conditions	0 ~ 90% RH
Certifications	CE /FCC
Ingress Protection	IP66
Casing	Metal
Dimensions	303×95×107 mm (11.93 × 3.74 × 4.21 inch)
Net Weight	1.35 Kg (2.98 lb)

Dimensions (mm)



Accessories

Optional:



SN-CBK649B
Junction Box



SN-CBK627D
Pole Mount