

MS-72553DT-F

Dual-spectral Network Bullet Camera



Key Features

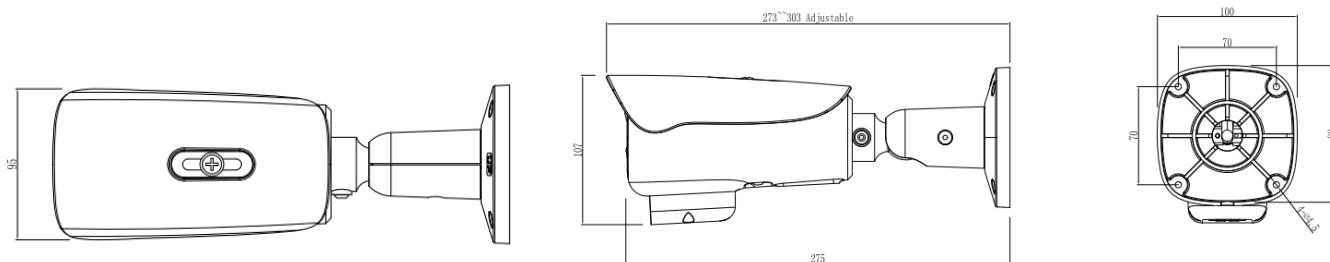
- Uncooled VOx Micro bolometer with 256×192 resolution
- Thermal: 7 mm fixed lens, Visible: 8 mm fixed lens
- Sensitivity < 50mK
- Support temperature monitoring and exception alarm
- Support 3 temperature measurement rule types (Spot, Line, Area)
- Support humanoid, vehicle and fire point detection
- Intelligent analysis: Perimeter, Single virtual fence, Double virtual fence, Multi loiter, Converse, Personnel count, Enter area, Leave area
- Image processing technology: DVE, 3D DNR, WDR
- IR distance up to 55m
- Support sound-light alarm

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, F1.0
Focus Control	Free focus
Focal Length	7 mm
Angle of View	H: 24°, V: 18°
F No.	F1.0
Detection Distance for Humans (1.8×0.5m)	291m
Detection Distance for Vehicles (4×1.5m)	894m
Recognition Distance for Human (1.8×0.5m)	73m
Recognition Distance for Vehicle (4×1.5m)	224m
Fire Detection Distance for Object (0.1×0.1m)	29m
Fire Detection Distance for Object (1×1m)	292m
Visible Camera	
Image Sensor	1/2.7" CMOS
Effective Resolution	2880(H)×1620(V)
Shutter Speed	1/5 ~ 1/20,000s
Wide Dynamic Range	True WDR 120dB
Min. Illumination	Color: 0.001Lux @(F1.2, AGC ON) B/W: 0.003Lux @(F1.2, AGC ON)
S/N Ratio	More than 55dB
Focal Length	8mm
Angle of View	H: 40°, V: 20°
Illuminator	
IR Distance	Up to 55m
White Light	Strobe light
Video and Audio	
Frame Rate	Main Stream: Visible: 2880×1620/2560×1440/2304×1296/1920×1080/1280×720 @25/30fps Thermal: D1 (704×576) @25/30fps Sub Stream: Visible: D1/VGA/640×360/CIF/QVGA @25/30fps Thermal: CIF/256×192 @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)
Mirror	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
Advanced Intelligence Analysis	Smoker detection, Smoke and Flame detection, fire point 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	3 temperature measurement rule types, 20 rules in total, 1 full screen, 19 others (points, areas, line).
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	±2°C / ±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
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
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:



MS-7CBK649B
Junction Box



MS-7CBK627
D Pole Mount