

SG-TCM06N2-25(19,13)

- 640x512 Thermal Network Camera Module with 25mm(19mm, 13mm) Athermalized Lens

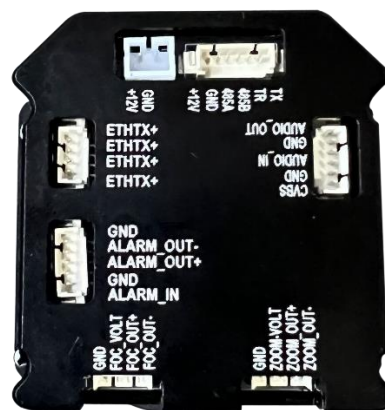
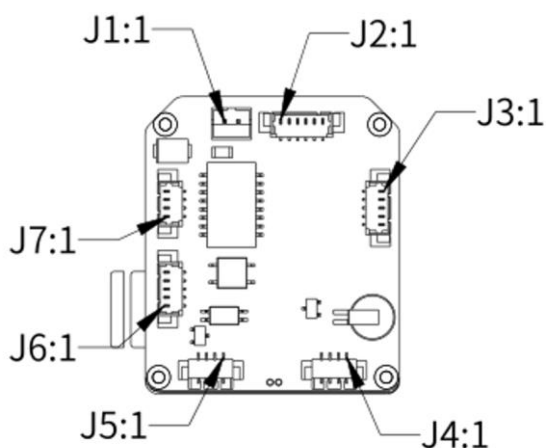


1. Features

- > 640x512 resolution, high sensitivity sensor
- > 12um pixel pitch.
- > 25mm(19mm, 13mm) athermalized lens
- > Support various IVS functions
- > Support Fire Detection
- > Support Analog and Ethernet dual output

2. Specification

Model		SG-TCM06N2-25	SG-TCM06N2-19	SG-TCM06N2-13
Sensor	Image Sensor	Uncooled VOx microbolometer		
	Resolution	640 x 512		
	Pixel Size	12μm		
	Spectral Range	8~14μm		
	NETD	≤50mK@25°C, F#1.0		
Lens	Focal Length	25mm Athermalized Lens	19mm Athermalized Lens	13mm Athermalized Lens
	Optical Zoom	N/A	N/A	N/A
	Digital Zoom	N/A	N/A	N/A
	F Value	F1.0	F1.0	F1.0
	FOV	17.5°x14.0°	22.9°x18.4°	32.9°x26.6°
Video	Compression	H.265/H.264/H.264H		
	Snapshot	JPEG		
	Pseudo color	Support: White Hot, Black Hot, Iron Red, Rainbow 1, Fulgurite, Rainbow 2, Fusion, Bluish Red, Amber, Arctic, Tint		



Encoding board

Type	PIN Number	PIN Name	Description
J1_2pin Power (PH_2A, 2.0mm)	1	DC_IN	DC12V±10%
	2	GND	GND
J2_6pin Power & UART Interface (A1251-06A, 1.25mm)	1	DC_IN	DC12V±10%
	2	GND	GND
	3	485+	RS485+, Pelco Protocol
	4	485-	RS485-, Pelco Protocol
	5	RXD0	TTL 3.3V, Visca Protocol
	6	TXD0	TTL 3.3V, Visca Protocol
J3_5pin Audio (A1251-05A, 1.25mm)	1	AUDIO_OUT	Audio Out (Line Out)
	2	GND	GND
	3	AUDIO_IN	Audio In (Line In)
	4	GND	GND
	5	CVBS	CVBS
J4_Thermal Zoom	1~4	Zoom	Thermal Zoom
J5_Thermal Focus	1~4	Focus	Thermal Focus
J6_5pin Alarm (A1251-05A, 1.25mm)	1	Alarm_IN	Alarm In
	2	GND	GND
	3	Alarm_OUT+	Alarm Out
	4	Alarm_OUT-	Alarm Out
	5	GND	GND
J7_4pin Ethernet (A1251-04A, 1.25mm)	1	ETHRX-	Adaptive Ethernet port, Internet RX-
	2	ETHRX+	Adaptive Ethernet port, Internet RX+
	3	ETHTX-	Adaptive Ethernet port, Internet TX-
	4	ETHTX+	Adaptive Ethernet port, Internet TX+

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*Design and specifications are subject to change without prior notification.
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