



◆ SPECIFICATION

Model NO.	RGMSTC01
Thermal	
Image Sensor	Vox Uncooled Focal Plane Arrays
Resolution	256x192
Pixel Interval	12μm
NETD	Less than 60 mK (@25°C.F#=1.1)
Aperture	F1.0
Focal Length	3.2mm
Field of View	56° x 42° (H x V)
Optical	
Image Sensor	1/2.8" 2.0M Pixel CMOS
Resolution	1920x1080@30fps
Min. Illumination	Color: 0.005Lux @ (F1.2, AGC ON), B/W 0.001Lux@ (F1.2, AGC ON)
Field of View	84° x 45° (H x V)
Focal Length	4mm
Shutter Speed	1s to 1/100,000s
White Balance	Auto/Manual/ATW (Auto-tracking White Balance) Indoor/Outdoor/Daylight Lamp/Sodium Lamp
Day& Night	IR cut filter with auto switch
WDR	80 dB
Feature	
Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel
Picture in Picture	Combines details of thermal and optical image PIP, overlay thermal image on optical image
Smart Function	
Face snapping	Built-in deep learning AI algorithm, Face snapping support 10-20 faces detection simultaneous
Temperature Measurement	Support global and local temperature

Temperature Range	0°C to +60°C
Temperature Accuracy	Highly accurate temperature measurement within ± 0.5 °C, with black body ± 0.3 °C
Function	
Video Compression	H.264/MJPEG/H.265
Audio Compression	G 711u/G711a/G.726/PCM/AAC
Protocols	TCP/IP, ONVIF, DHCP. RTP, RTSP, UDP, HTTP
Network interface	RJ45 10/100Bast T
Alarm interface	1 Channel Relay Output
Audio interface	1 Channel Audio Input(Optional), 1 Channel Audio Output(Optional)
General	
Web Client Language	English, Chinese
Power	DC 12V \leq 5W
Work Temperature/Humidity	-20°C to 55°C; 0%-90% RH
Protection Level	IP66
Dimension	246 mm x 101 mm x 81 mm (with bracket)
Weight	Approx. 1.0 kg

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