



◆ SPECIFICATION

Model NO.	RGMSTC02
<b>Thermal</b>	
Thermal Sensor	Vox Uncooled Focal Plane Arrays
Thermal Resolution	384 x 288
Pixel Interval	17μm
NETD	Less than 60 mk (@25°C.F#=1.1)
Aperture	F1.0
Focal Length	9.7mm
Field of Thermal View	37.2°×28.3°
<b>Optical</b>	
Image Sensor	1/2.8" 2.0M Pixel CMOS
Resolution	1920x1080@30fps
Min. Illumination	Color: 0.005Lux @ (F1.2, AGC ON), B/W 0.001 Lux@ (F1.2, AGC ON)
Field of View	113.9°(W) ~34.1°(T)
Focal Length	3.3-10.5mm 4X
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
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
<b>Smart Function</b>	
Face snapping	Built-in deep learning AI algorithm, Face snapping support 20-30 faces detection simultaneous
Temperature Measurement	Support global and local temperature
Temperature Range	0°C to +60°C

Temperature Accuracy	Highly accurate temperature measurement within $\pm 0.5$ °C, with black body $\pm 0.3$ °C
<b>Function</b>	
Video Compression	H.264/MJPEG/H.265
Audio Compression	G 711u/G711a/G.726/PCM/AAC
Protocols	TCP/IP, ONVIF, DHCP, RTP, RTSP, UDP
Network interface	RJ45 10/100Bast T
Alarm interface	1 Channel Relay Output
Audio interface	1 Channel Audio Input(Optional), 1 Channel Audio Output(Optional)
<b>General</b>	
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
Weight	Approx. 1.0 kg

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