



GT5216 2MP Binocular Temperature Measuring Door Thermal Camera

Overview

GT5216 Binocular Temperature Measuring Door Thermal Camera is designed with high-precision infrared temperature sensor for body surface temperature detecting in real time. It can be widely applied in temperature measuring doors, advertising machines and other human body temperature screening equipment.

Application with metal detector door



Key Feature

- High sensitivity sensor with 256 x 192 thermal resolution
- Pixel Interval 12μm,Thermal sensitivity(NETD) is less than 60 mk (@25° C, F#=1.0)
- Non-contact personnel temperature measurement,Precision:±0.3°C (Target temperature 35°C~50°C)
- Body temperature measurement distance: 1m~5m
- High quality imaging with 1920X1080 resolution
- Embedded deep learning algorithm,Can detect and measure temperature of 20 people at the same time
- Maximum output frame rate: Visible light:1920x1080@25fps/Thermal Imaging:256x192@25fps
- HDMI directly output preview video, real-time display of the number of passers-by and abnormal temperature
- Support SD card to store data records, and export data online
- Built-in speaker and white light, support for abnormal temperature sound and light alarm

Specification

Thermal	
Moudel	GT5216
Image Sensor	Silicon oxide uncooled infrared focal plane detector
Resolution	256x192,Pixel Interval 12μm
Lens	Focal length: 6mm, Field of view: 35° (Horizontal)
Accuracy	±0.3°C, Target temperature35°C~50°C
Distance	1m-5m
Black body calibration	Support
Optical	
Image Sensor	1/2.8" 2.0M Pixel CMOS
Resolution	1920x1080P
Min. Illumination	Color: 0.005Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGC ON)
Field of View	84° × 45° (H × V)
Focal Length	4mm
Day & Night	Mode IR cut filter with auto switch
WDR	≥80 Db
AI	
Face capture	Built-in deep learning AI algorithm, support simultaneous detection of 20-30 faces, face detection, exposure, scoring, screening, snapshot upload
Temperature abnormal	High temperature alarm (default threshold is 37.3°C)
Network	
Protocol	Support RTSP, RTP, TCP, UDP, UPNP, DHCP, PPPoE, ONVIF, GB/T 28181

Interface	
Power interface	DC interface
Network interface	1ch 10/100BaseT Ethernet, RJ45 interface
General	
Power	DC 12V
Power consump	≤5W (Without heating)
Work Temperature/Humidity	From -20°C to 55°C; Humidity: 95% or Less
Protection Level	IP65
Dimension	80 mm × 42 mm × 49 mm
Weight	Approx. 1.0 kg



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