TCM-TG8256B-HDMI

TG8256A Thermal & Optical Bi-spectrum Network and HDMI Plug and Play Output Camera, which is capable of highly accurate body temperature measurement, to within ±0.3 °C,The camera features a built-in AI algorithm for multi-person measurements up to 3m distances, enabling fast and non-contact access. Perfect for adjunct use inhospitals, sub-acute health settings, public areas (i.e. airports), and more.Also can be widely used in close-range scene monitoring,such as indoor fire prevention, warehouse fire prevention, charging pile temperature monitoring and other fields.

Indonesian Voice Broadcast

HDMI Plug & Play

BUILTIN MICRO SD 16 GB

16GB microSDHC

Body Temperature Measurement	Accuracy	Fever Detection Alarm	Face Recognation	Multi Person Detection	Fire Alarm

SPECIFICATION

Thermal	Image Sensor	VOx Uncooled Focal Plane Arrays
	Resolution	256×192
	Pixel Interval	12μm
	NETD	Less than 60 mK (@25°C,F#=1.1)
	Aperture	F1.0
	Field of View	35° × 27° (H × V)
Optical	Image Sensor	1/2.8" 2.0M Pixel CMOS
	Resolution	1920×1080P
	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
	Shutter Speed	1s to 1/100,000s
	White Balance	Auto/Manual/ATW (Auto-tracking White Balance) /Indoor/Outdoor/Daylight Lamp/Sodium Lamp
	Day & Night	ModeIR 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, Supports simultaneous detection of 20-30 faces
	Notification	Indonesian Voice Broadcast
	Temperature Measurement	Support global and local temperature
	Temperature Range	From -15°C to +150°C
	Temperature Accuracy	Target temperature 35°C ˆ 38°C ±0.3 °C
		Target temperature 20°C ˆ 33°C ±0.6 °C
		Target temperature 38°C ˆ 50°C ±0.6 °C
Network	Main Stream	Thermal: 25fps(1920 × 1080, 1280 × 720)
	Sub Stream	Thermal: 25fps(704 × 576, 352 × 288)
	Video Compression	H.264 (Baseline/Main/High Profile) /MJPEG/H.265
	Audio Compression	G .711u/G.711a/G.722.1/MP2L2/G.726/PCM
	Protocols	TCP/IP, ONVIF, GB/T 28181, DHCP, RTP, RTSP, PPPoE, UPnP, UDP
	API	ONVIF (Profile S, Profile G, Profile T), SDK
Output	Plug and Play	HDMI
General	Power	DC 12V, 0.65A
	Work Temperature/Humidity	From -20°C to 55°C; Humidity: 95% or Less
	Protection Level	IP65
	Dimension	187 mm × 91 mm × 81 mm (without bracket)
	Weight	Approx. 1.0 kg