

Pass Management Module for Temperature Measurement & Face Recognition F2000

Fever is a common symptom which usually occurs in viral infection. Equipped with wide dynamic range camera, infra red led camera and LED, the module can act as efficient tool for access control and quick check in various areas like factory, office, boarder, public transportation, exhibition etc.



Product Feature

- 8 Inches 1280×800 Resolution LCD Screen
- 64 bit Quad Core fast processing CPU.
- Binocular wide dynamic range camera equipped
- LED and IR dual photo flood light
- Optional RFID Card Reader Supported
- 1:1 and 1:N Facial Recognition, support face with mask, support live detection, accuracy 95%
- Temperature measurement accuracy $\leq \pm 0.5^{\circ}\text{C}$
- Temperature measurement range: $35.5^{\circ}\text{C} \sim 42^{\circ}\text{C}$
- Melexis Temperature sensor array
- Various interfaces enabling wide range of deployment capability.

Applications



Office Access Control



Metro Station Check



School Attendance



Government Building Check



Exhibition Access Control



Border control



Stadium Access Control



Scenic Spot Check

Specification

Camera	Resolution	2 million pixels
	Type	Binocular wide dynamic range camera
	Aperture	F2.4
	Focusing distance	50-150cm
	White balance	Auto
	Photo flood light	LED and IR dual photo flood light
Screen	Size	8.0 inch IPS LCD screen
	Resolution	800×1280
	Touch	Not supported (optional support)
Processor	CPU	RK3288 quad-core (optional RK3399 six-core)
	Storage	EMMC 16G
Interface	Network module	Ethernet and wireless (WIFI), Optional: 4G Module
	Audio	2.5W / 4R speakers
	USB	1 USB OTG, 1 USB HOST standard A port
	Serial communication	1 RS232 serial port
	Relay output	1 door open signal output
	Wiegand	1 Wiegand 26/34 output
	HDMI(Optional)	1 Mini HDMI Port
	Wired network	1 RJ45 Ethernet socket
Function	RFID Card Reader	Optional
	Deployment Method(Optional)	Support public cloud deployment, privatized deployment, LAN use, stand-alone use
	Face library	Up to 30,000(20,000 suggested)
	1: N face recognition	Support
	1: 1 face comparison	Support
	Stranger detection	Support
	Identify distance configuration	Support
	UI interface configuration	Support
	Upgrade remotely(Optional)	Support
	Interface(Optional)	Interfaces include device management, personnel / photo management, record query, etc.

Specification

Infrared thermal imaging module	Temperature detection	Support
	Temperature detection distance	Optimal Use Distance 0.5m-0.8m;
	Temperature measurement accuracy	$\leq \pm 0.5^{\circ}\text{C}$
	Temperature measurement range	$35.5^{\circ}\text{C}\sim 42^{\circ}\text{C}$
	Thermal field of view	$60^{\circ}\times 15^{\circ}$
	IR Array	16x4 IR array
	Abnormal temperature alarm	Support (temperature alarm value can be set)
	General parameters	Power
Operating temperature		$0^{\circ}\text{C}\sim 60^{\circ}\text{C}$
Storage temperature		$-20^{\circ}\text{C}\sim 60^{\circ}\text{C}$
Power consumption		13.5W (Max)
Installation method		Gate bracket installation
Size		Standard: 282*127*27 (mm)
Packing list	Machine * 1, power adapter * 1, manual * 1	

Module structure description

