

# ADA – FXM100

## FACE RECOGNITION & TEMPERATURE DETECTION & MASK DETECTION



Terminal Display vertical module of temperature measurement & face recognition uses high-performance hardware platform, equipped with industrial-class binocular camera, live face recognition technology and infrared thermal imaging module to support face-with-mask identify. It also supports expansion of various peripherals such as ID card readers, fingerprint readers, etc., which can be applied to gate passages and attendance system to achieve safe and efficient.

It can be used with access gates and attendance for communities, office buildings, schools, hotels, scenic spots, transportation hubs and other public service places.

### Installation idea



Walk Through Thermal Scan



Turnstile Thermal Scan



Standalone Thermal Scan

## Parameter

Model		TM08-F
Camera	Resolution	2 million pixels
	Type	Binocular wide dynamic 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, MSM8953 eight-core)
	Storage	EMMC 8G
Interface	Network module	Ethernet and wireless (WIFI)
	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	One Wiegand 26/34 output, one Wiegand 26/34 input
	Upgrade button	Support Uboot upgrade button
	Wired network	1 RJ45 Ethernet socket
Function	Credit card reader	None (optional IC card reader, ID card, ID card)
	Face Detection	Supports detection and tracking of multiple people at the same time
	Face library	Up to 30,000
	1: N face recognition	Support
	1: 1 face comparison	Support
	Stranger detection	Support
	Identify distance configuration	Support
	UI interface configuration	Support
	Upgrade remotely	Support
	Interface	Interfaces include device management, personnel / photo management, record query, etc.
	Deployment method	Support public cloud deployment, privatized deployment, LAN use, stand-alone use
Infrared thermal imaging module	Temperature detection	Support
	Temperature detection distance	1 meter (optimal distance 0.5 meter)
	Temperature measurement accuracy	≤ ±0.5°C
	Temperature measurement range	10°C~42°C
	Thermal field of view	32 X 32°C
	Visitors' temperature is normal and released directly	Support
	Abnormal temperature alarm	Support (temperature alarm value can be set)
General parameters	Power	DC12V (±10%)
	Operating temperature	0°C~60°C
	Storage temperature	-20°C~60°C
	Power consumption	13.5W (Max)
	Installation method	Gate bracket installation
	Size	Standard: 274.24*128*21.48 (mm) IC card / ID card: 296.18*132.88*25 (mm)
Packing List	Machine * 1, power adapter * 1, manual * 1, certificate of conformity * 1	

Remark : Specifications are for reference only and are subject to change without notice.

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