



## YU-IPASS STD-5MC082L1-MC

### Product overview:

### Core advantages :

- Embedded Linux operating system, safe and stable operation; Quad-core A55@1.5GHz high-performance CPU, running extremely smooth experience;
- Using ultra-low-power processor and low-power processing technology, the device runs with low power consumption and generates less heat;
- Independent NPU, supports up to 2Tops of computing power, and embeds the industry's leading deep learning face recognition algorithm;
- 0.08S extremely fast face recognition, high-precision face recognition; Intelligent ISP algorithm, super wide dynamic, fearless strong light, backlight and low light, adapt to various complex light scenes;
- The largest face recognition mode, supports face selection, face enhancement and face exposure to improve image quality;
- Supports recognition distance control of 0.3~2M, which can effectively prevent the misrecognition of persons who are far away;
- The binocular live body detection function effectively solves the deception problem of photos and videos;
- Support 30,000 face libraries and 30,000 card libraries, storage of 150,000 records, and batch import and export of data;
- It supports face recognition, IC card, ID card, and human card verification methods to open the door, and supports the customization and expansion of verification methods; Support mask detection and face recognition when wearing a mask;
- Support visitor setting, access control period management, permission group setting, door opening delay time setting, log query;
- Support access control status acquisition, door overtime and unclosed alarm, blacklist alarm, etc.;
- Support custom recognition voice broadcast, personalized screen saver settings, image advertisement carousel function;
- Industrial grade design IP66 protection level, not afraid of high temperature and severe cold, adapt to the temperature difference range of -30°C ~ 70°C, suitable for indoor and outdoor all-weather scenes;





## Basic functions :

- Adopting 2 million pixels, adopting high-definition F2.2 aperture security-grade industrial lens, anti-backlight;
- inch IPS full screen, resolution 800\*1280, outdoor bright screen above 450cd/m<sup>2</sup>; Support the screen to automatically sleep, automatically sense the human body, and quickly turn on the fill light;
- Support offline operation, no need to network, equipment with 100M network port; Metal structure body, unique double glass structure, strong hardness and no deformation, good light transmission and no light leakage, presenting excellent video effects;
- Open cloud, LAN access protocol and SDK, rich multimedia and AI API;
- Wall mounting/gate installation method is optional;

## Order type:

Model number	Description
STD-5MC082L1-MC	Universal

## Applications:

It is suitable for quick check of body temperature in subway station, customs port, airport, railway station, hospital, school, community, commercial super and check station, etc.

## Product parameters:

Basic Information	Name	8-inch binocular face recognition terminal
	Model	STD-5MC082L1-MC
	System	Linux
	Processor	Quad-core A55@1.5GHz high-performance CPU
Display screen	Dimensions	8 inches IPS
	Luminance	450cd/m <sup>2</sup>
	Resolution	800x1280
Cameras	Resolution	200W (1920×1080)
	Sensors	Binocular 1/2.7' Low illumination CMOS
	Lens	HD fixed focus 4mm &F2.0
	White balance	Automatic, low color temperature, high color temperature, manual
	WDR	Digital wide dynamic and true wide dynamic



	Fill lamp	RGB and IR
Intelligent function	Detection Angle	Vertical: 90 degrees, horizontal: 53 degrees
	Face detection	Maximum face detection, mask detection
	Storage capacity	30,000 faces, 30,000 cards, 150,000 records
	1: N	The recognition speed $\leq 0.2$ s / person, the recognition accuracy $\geq 99.99\%$
	Stranger detection	Support
	Identification Distance	0.3m- 2m adjustable
	Live detection	binocular cameras
	Alarm function	Blacklist alarm, door overtime but not closed alarm
	Ways of identifying	Swipe face, swipe IC card, ID card, face + swipe card
	Configuration settings	Visitor management, permission groups, access control hours, black and white lists, identification parameters, image settings, information display, etc.
	Identification parameter	Black and white list, detection sensitivity, comparison threshold, Area Defense, face frame switch
	Screen saver function	Customized screensaver display, personalized advertisement
	Working mode	Online/standalone
	MIFARE card	Support
	RFID card	Support
QR Code	Support	
Interface	Means of communication	cable
	Network	1 PCS 10/100M、 RJ45
	Audio	Built-in speaker, voice broadcast
	Door lock interface	Door opening signal, door sensor status, switch button
	Wigan	1 wigan (D0、 D1、 GND) ,support wigan26、 34
	Comm port	1 RS232,RS485,Serial RX, TX
	Alarm	1 alarm input
	Reset	Support
	Platform Protocol	Active registration, SDK, WebSocket, HTTP
Conventional	Power	DV12 $\pm 20\%$ , Rated power consumption $\leq 20W$
	Working Environment	Indoor Environment; $-30^{\circ}C \sim 70^{\circ}C$ & $10 \sim 90\%RH$



I parameter	Protection level	IP66 protection level, antistatic: contact $\pm 6KV$ , air $\pm 8KV$
	Installation mode	Support wall-mounted, gate type; optional mounting bracket, support 86 boxes
	Dimensions (mm)	256(L)*124(W)*21 (H) mm
	Weight	$\approx 1.5kg$

**Product size: ( Unit: mm)**



