

STD-5MB0011-BC

Face recognition access control unit



product description:

Core functions

- Embedded Linux operating system, safe and stable operation
- High performance with low power consumption processor, equipment operation Low power consumption and less heat
- Embedded in the industry's leading deep learning face recognition algorithm, Face recognition rate > 99%, false recognition rate < 1%
- Support super smart wide dynamic, Fearless to strong light, backlight and low light, adapt to various complex light scenes
- Support the largest face recognition mode, support face optimization, face enhancement and face exposure, improve image quality
- Support the recognition distance control of 0.3~2M, which can effectively prevent the misrecognition of people who are far away
- Support live detection function, effectively solve the deception problem of photos, videos, etc.
- Standard 1 Ten thousand face database, 1 Wan Zhangkaku, 50,000 records storage
- Accurate and rapid identification and comparison in milliseconds, Face recognition speed (1:N) ≤ 0.2S/people
- Support multiple verification modes of face, IC card, ID card physical card number, face + swipe card, And support the customization and expansion of verification methods
- Optional face recognition wake-up function to avoid unwilling recognition of whitelisted persons
- Industrial design, Not afraid of high temperature and severe cold, Adapt to temperature range -20°C ~ 60°C, Suitable for indoor all-weather scenes

basic skills

- 2 million 1/2.7 inch CMOS image sensor, good low illumination effect, high image definition
- HD fixed focus 4mm & F2.2 aperture security grade industrial lens, anti-backlight
- Support screen automatic sleep, Automatically sense the human body, quickly turn on the fill light, and wake up the face recognition working mode;
- Support online/offline working mode, equipped with 100M Ethernet port, optional WIFI Wireless connections
- Indoor wall installation, support 86 boxes embedded in the wall installation, beautiful and seamless installation
- Anti-surge, anti-static, lightning protection design, Set up tamper switch
- Provide comprehensive secondary development technical support

Order model:

STD-5MB0011-BCS

Applications:

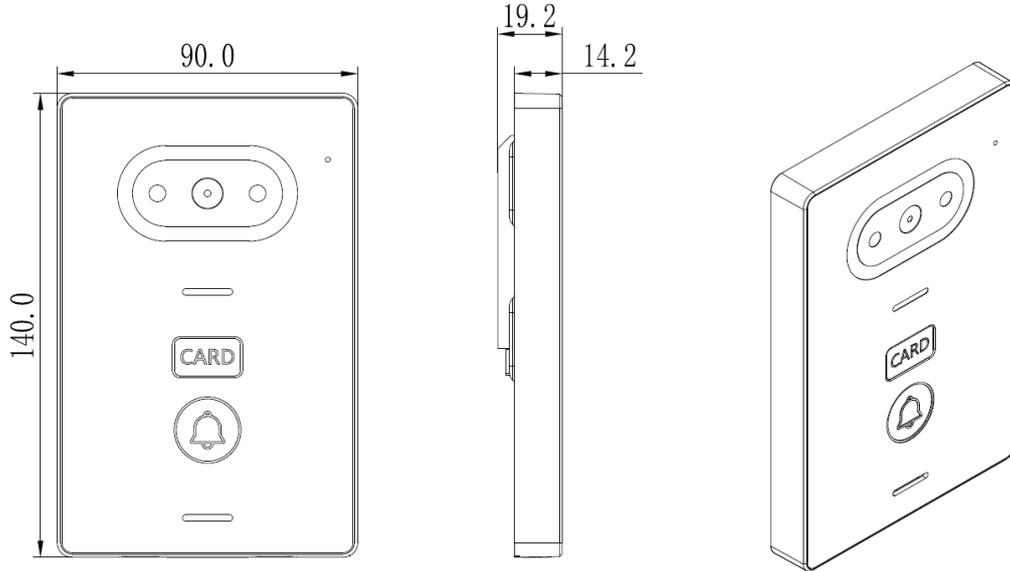
It is suitable for office areas, hotels, office buildings, banks, hospitals, schools, shopping malls, shops, communities, public services and management projects and other places that require facial access control.

Product parameters:

basic information	product name	Face recognition access control unit
	Device model	STD-5MB0011-BC
	operating system	EmbeddedLinux system
camera	Resolution	200WPixel (1920×1080)
	sensor	1/2.7 inch low illumination CMOS sensor
	Lens	HD fixed focus4mm&apertureF2.2
	White balance	Automatic, low color temperature, high color temperature, manual
	Wide dynamic	Digital wide dynamicWith real wide dynamics
	Fill light	White light fill light
	Smart function	Detectangle
Intelligent detection		Maximum face detection
storage		10,000 face base library, 10,000 card library,5Ten thousand records storage
Accurate recognition		Recognition speed≤0.2S/Person, recognition accuracy≥99.99%
Recognition distance		0.3M-2.0MAdjustable
Live detection		stand by
Recognition mode		Brush face, brush ICCard, ID card physical card number, face + swipe card combination
parameter settings		Black and white list,Identification parameters, image settings, information display,
Alarm management		Blacklist alarm, door overtime not closed alarm
Operating mode		Support online and offline work
Touch button		Face recognition wake-up function
Rich interface	communication method	wired
	Network Interface	1A10/100M network adaptive, RJ45interface
	Door lock interface	Door opening signal, door sensor status, switch button
	Serial interface	1ARS232Serial port
	Wiegand interface	3root(D0,D1,GND) Support Wiegand26,34
	Reset interface	stand by
	Alarm interface	1 alarm input,2Alarm output
	audio port	Built-in speaker
	Tamper switch	stand by
	Platform Agreement	Active registration, SDK,WebSocket, HTTP
General parameters	Power supply	DV12±20%
	Power consumption	≤10W
	working environment	Indoor work, temperature:-20℃~60℃ humidity:10~90%RH
	Protection level	IP42Protection level, air pressure 86kPa~106kPa, antistatic:

		contact±6KV,air±8KV
	Installation method	Wall-mounted installation, 86Box installation
	size(mm)	140(L)*90(W)*14.2(H) mm
	weight	About 1.0kg

Product Size:(Unit: mm)



Appearance:

