TIMY®

Biometrics Identification

SINCE 2000

PROFESSIONAL BIOMETRIC RECOGNITION AND SOLUTIONS SUPPLIER

◇ Access Control Systems ◇ Attendance Management Systems

◇ Multi-Location Attendance Solution On Cloud

Face ID   Fingerprint   PIN   CARD   QR Code   Combination

National High-tech Enterprise

www.sztimmy.net

Company profile

Shenzhen Union Timmy Technology Co., Ltd, established in 2000, is a professional manufacturer engaged in the R&D of different biometric solutions, and Dedicated to the manufacturing and selling of Fingerprint&Face Recognition time attendance, Fingerprint&Face Recognition access control over the past 20 years.

Our factory covers an area of 2,500 square meters with around 100 employees. So far we have obtained the verified certificates of ISO9001, CE, FCC, ROHS,etc,and achieved the Chinese highest manufacturing honor as " National High tech enterprises " in 2017 with more than 10 patents.

Our band " TIMMY " is well-known in Biometric attendance market of China, and then we formally decide to step out towards the world market in 2017. Each year we will participate in at least 7 overseas exhibitions and totally take one month or more time paying visit to our overseas clients in some countries, So far our products had already exported to over 70 countries and regions, such as Southeast Asia, Middle east, Europe, South Africa and North America.

We have strong capability of Hardware quality control and Multiple OEM software solution. our Sales and technical support are always available to deal with your consult and inquiry, We Commit that our Desktop and Cloud software are free as well as our device SDK that you can use to integrate with your existed system, Our firmware by far can support 18 types of Muti-languages.

You can cooperate with TIMMY in flexible ways, including OEM/ODM, or Brand sales, Project cooperation and Industry application joint development. Every year, More than one hundred clients from different countries will come to visit us. We treat every visitor with our honesty and sincerity, and hold the business belief of win-win cooperation.

It is sincerely welcomed the worldwide friends in the biometric field to visit us!

CMA FC CE RoHS

Contents

Solution

NPU
Neural Processing Unit

Faster Speed
Powerful Feature Extraction
Improved Adaptability
Enhanced Security

Auto Design By AI.Midjourney

AI

Applications in various domains requiring accurate and efficient face recognition

TÜVRheinland Precisely Right.
intertek
RoSH
FC
CE

23 Years of Experience

2650m² Production Plant

Export To 130⁺ Countries

8+3 Production+ QC Lines

Free SDK

Cloud Software

Mobile APP

Customize UI

ISO 9001 Quality Assurance Management

2000
Company founded and started the sales of time recorder

2006
Satrted developing fingerprint attendance machine

2009
Developed color screen series

2012
Developed the first standalone attendance machine

2014
Developed face recognition products

2016
Accelerated global market expansion and launched new products

2018
Obtained the national high tech enterprise certificate

2019
Developed Dynamic face recognition products

2020
Temperature measuring face recognition terminal

2021-2023
AI Face Recognition Series

< 01 >

Biometric Access Control System

Biometric Time Attendance System — Support Multi Language

Delhi

Access Control

Wireless Remote Site

Tokyo

On Cloud

London

GPRS

Data Push To server via Wireless

Data Push To server via GPRS

Track Your Out Duty Staff
Administrator On Mobile Check Staff Attendance from anywhere in the world
California

Taiwan
Attendance App on android phone For Staff Mark Your Attendance for Field with GPS Location

Wireless Network

Cloud Server
LAN/WAN Internet

Realsoft Application Server

Payroll Software

Desktop Application
Dubai

Web Application Client
Hong Kong

Remote Client

GET IT ON Google Play | iOS

< 02 >

Smart Attendance System Sending Notification To Mobile Phone

Teacher received class attendance notification

Staff Clocking In

Students Arrive School

LINE

Telegram

Viber

Pushbullet

Timmy Test:
=============
ID: 1
Name: NULL
Verify mode: face
DateTime: 2023/03/28 22:02:22
=============

Parents received Notification

HR/Boss received staff attendance notification
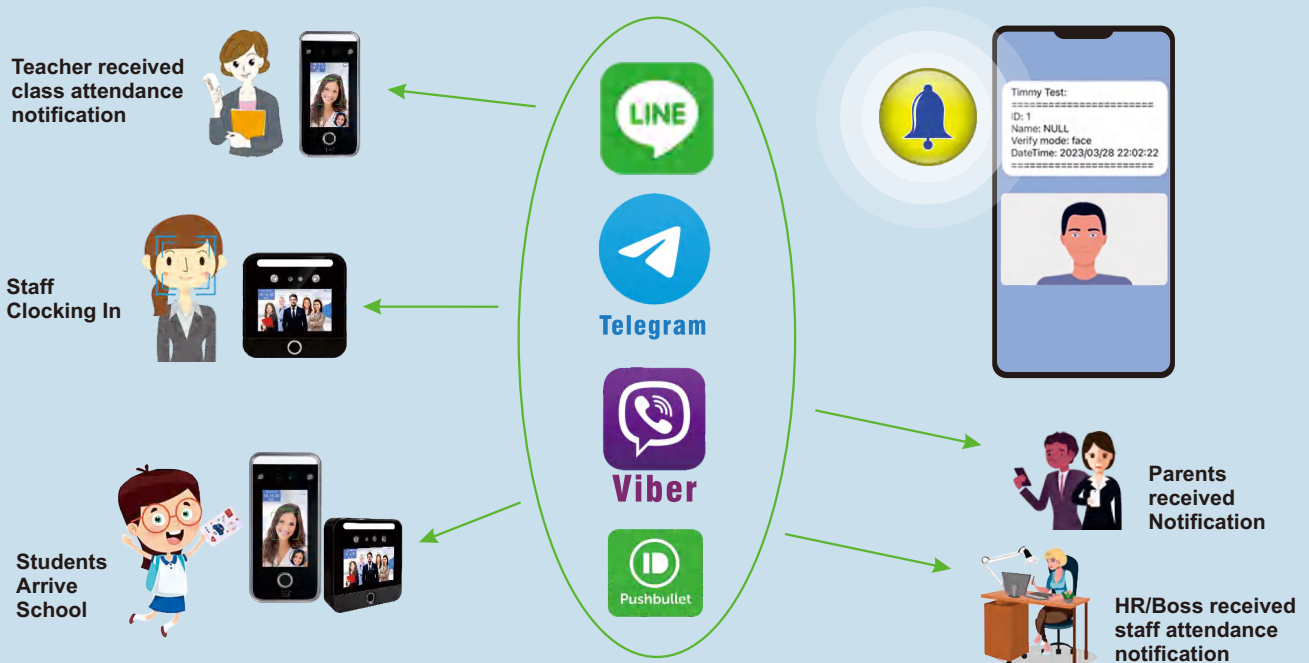
Facial Recognition Video Intercom Access Control System

2021-02-24
10:14:36
WED
Aileen
RFID

Internet

Software

Indoor 1

Indoor 2

< 03 >
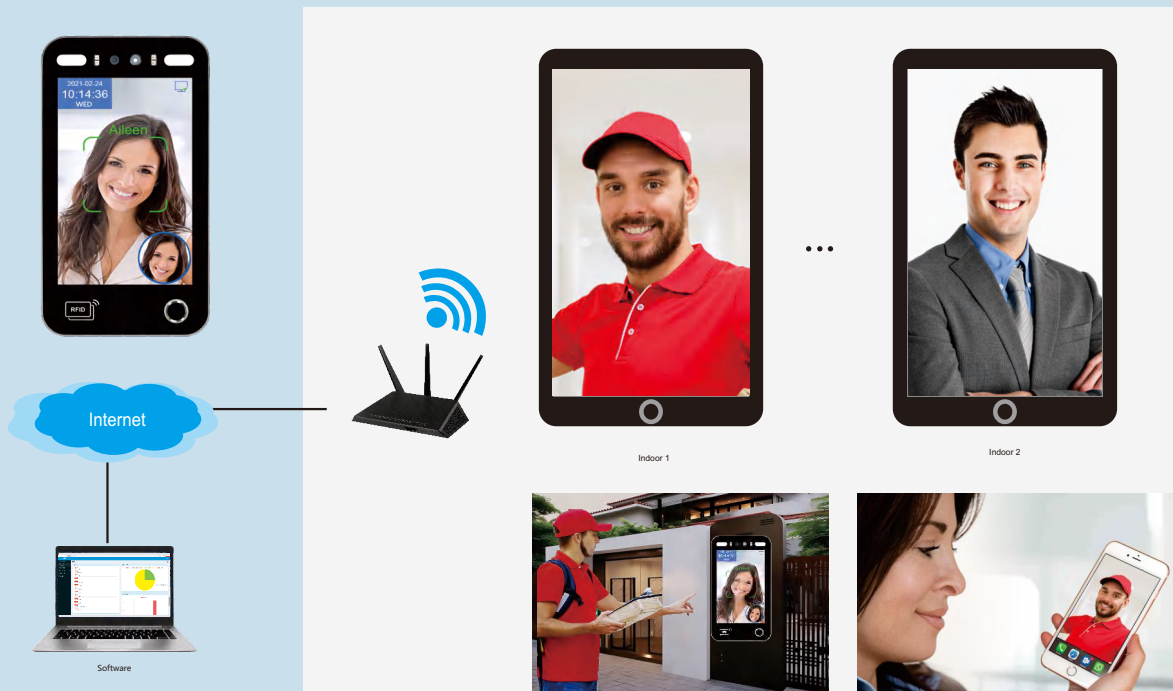
Facial Recognition Elevator Control System

QR Code Visitor Access Control System

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BioSecureCard
Secure Your Biometrics Data

Complies with EU GDPR Standards

Encrypted CPU cards to prevent the replication of facial and fingerprint data.

Membership Management System
Suitable for GYM, Swimming pools, Libraries, and more.

< 05 >
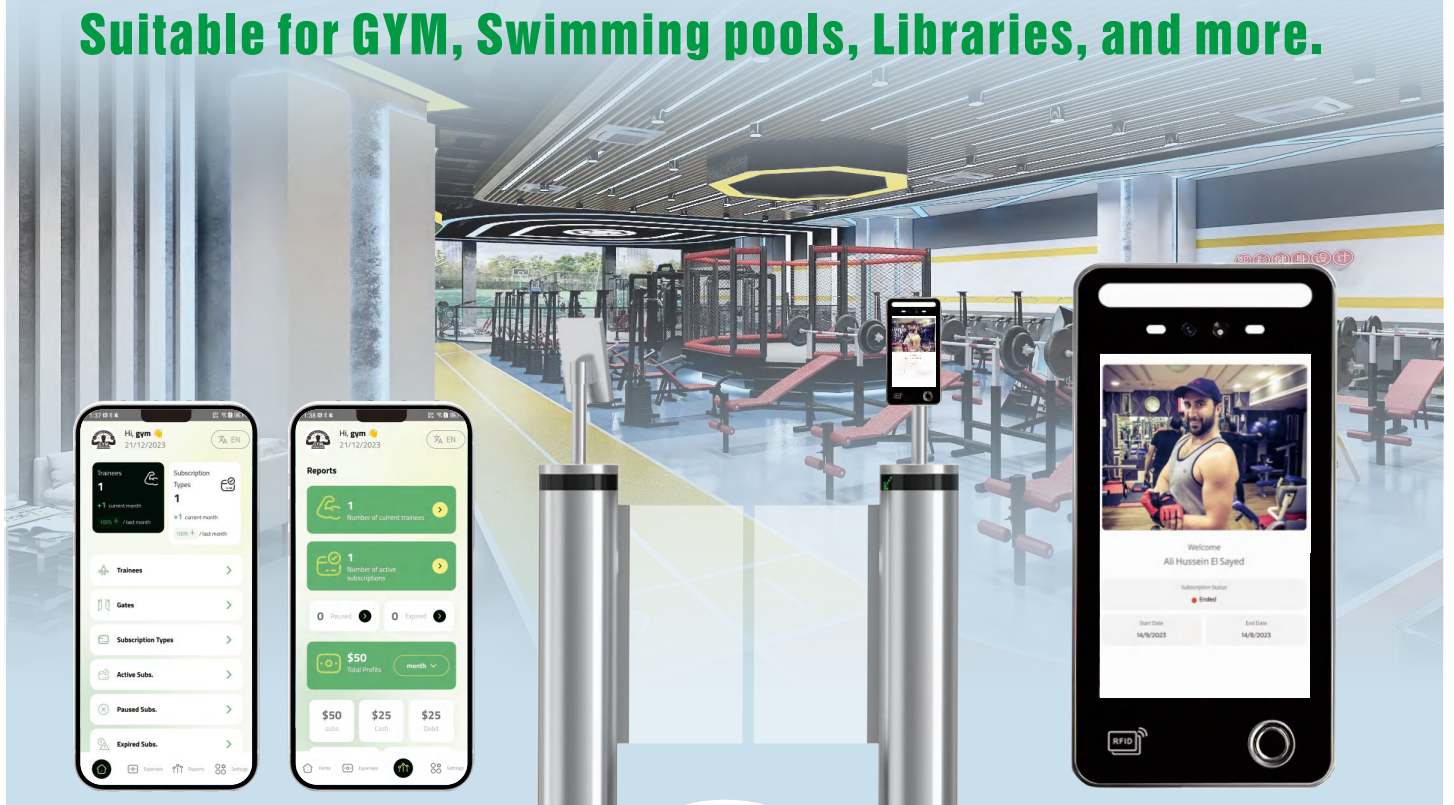
Message Reminder On Device

Public Message

2023-12-13
17:04:23
WED

All staff attend meeting in the conference room on December 20th at 10:00 a.m.

Privacy Message

2023-12-13
16:54:46
WED

Verify OK!

Verify OK!

Please come to finance before the end of today's working hours.
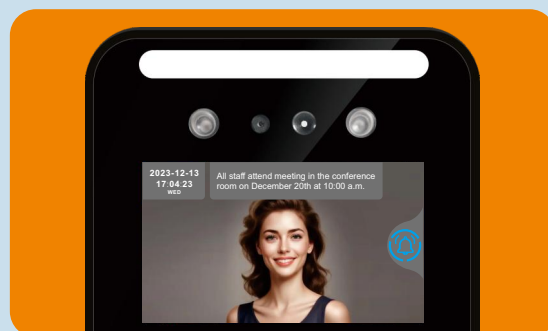
Attendance Status Switching

Auto Status Switch

In   Out

2023-12-13
17:04:23
WED

Out
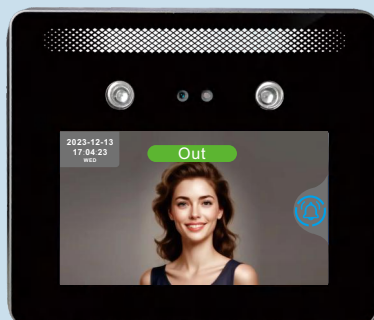
Setting working time in machine

Event	Event message	Must
1	in	0
2	out	0
3	onduty	0
4	offduty	0
5		0

Event Schedule
Automatically switch to Event during this timezone for everyone's Punch, no need to click. Questionnaire every time.

		Start	End	Event
1	Event Schedule1	06:00	10:00	1
2	Event Schedule2	16:00	18:00	2
3	Event Schedule3			
4	Event Schedule4			
5	Event Schedule5			
6	Event Schedule6			
7	Event Schedule7			
8	Event Schedule8			

<BACK   Inout event

01 in

02 out

03 break in

04 break out
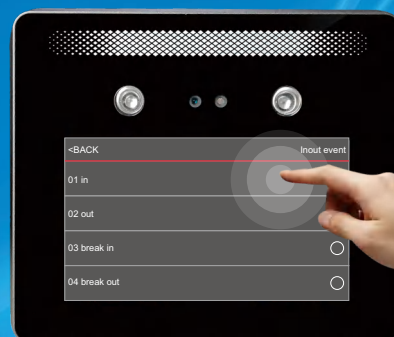
Manual switch

Manually select the attendance status after facial recognition

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Multi-Tech Reading

EM, MIFARE, NFC, HID Prox, HID iCLASS, HID MIFARE, HID Prox/Indala, iso15693, DESFire, FELICA, NTAG210, NTAG213, NTAG215, NTAG216, MifareS50/S70, Utralight, FM1208, etc

Intelligent Guard Tour System

To avoid some accidents caused by guards' dereliction of duty

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Four-Door Access Controller System
(Integrating with Third-Party Devices)

Lock 1   Lock 2   Lock 3   Lock 4

Door Magnet 1

Door Magnet 2

Door Magnet 3

Door Magnet 4

ACCESS CONTROLLER

Exit Button 1

Exit Button 2

Exit Button 3

Exit Button 4

WIFI

GPRS

TCP/IP

RS485

5~20meters long range UHF Reader

QR Code reader

QR Code reader

RFID Code reader

Fingerprint & Card access Controller

Avoid duplicate enrollment, algorithm runs within controller

◆ Communication：TCP/IP、USB、RS485、Wegiand In/Out

◆ Fingerprint capacity ：5000；PIN capacity：5000

Model	TM-S01	TM-S02	TM-S04
Product Name	Single Door Two Ways	2 Doors Two Ways	4 Doors Single Way
Exit	1	2	4
Fingerprint Capacity	5000		
Password Capacity	5000		
Card Capacity	5000 (30000 Optional)		
Record	110000		
Communication	TCP/IP、USB、RS485、Wegiand In/Out		
Distance	100 Meters		
Alarm	Fire		
Power	DC 12V，≥100mA		
Dimension	215*105*35mm		

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Your Trusted OEM/ODM Partner

Flexible Customization

- Logo On Device
- Logo On Boot Screen
- Logo On Screensaver
- Packaging Design
- UI Customization
- Hardware Function Customization
- Software Customization
- Appearance Customization

R&D Capability

- Discover The Power Of AI
- Cutting edge technology
- Rapid Development
- Continuous Product Upgrades
- Integrated Hardware, Software and Services
- In-Dept Requirements Analysis

Professional Services

- End-to-end Solutions
- Long-term Technical support
- 1 Year Product Warranty
- International After-Sales Service
- Partnership for Long Run
- Quick Response

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Authentication Certificate

ISO 9001 SGS | FCC | CE | RoSH | National High-tech Enterprise

AI Dynamic Face Recognition
Time Attendance Access Control Terminal

TM-AI01

5 inch HD IPS
Touch Screen

IP65 Waterproof
Outdoor/Indoor
both Aluminium
alloy Case

TM-AI02

4.3 inch HD IPS
Touch Screen

LED Frame
Plastic Case
Bell Button

TM-AI03

4.3 inch HD IPS
Touch Screen

Support Face &
ID/IC card
optional

Face	Password	RFID Card	Infrared Fill-in	USB Disk	Wi-Fi	TCP/IP

Specifications

Product name	AI Dynamic Face Recognition Time Attendance Access Control Terminal
Multiple Languages	English and other 16 types
Keypad	Touch keypad
Operation system	LINUX 3.10
CPU,NPU	1.2G Dual-Core ARM Cortex-A7, 600G (0.6T, 1.2T Optional)
RAM	256MB (512MB Optional) DDR3
ROM	eMMC Flash 4GB (8GB Optional)
Binocular camera	2MP Colorful WDR+2MP Infrared live camera
Logs capacity	500000
Face Registration	Local operation: Enroll face with machine, import user photo with U disk
	Software operation: Import user photo to software, capture user photo with camera
Verification	Dynamic face recognition, password, ID/IC card optional
Face capacity	5000 (50000 optional)
Card Capacity	5000 (50000 optional), ID Card Standard, IC Card Optional
Password Capacity	5000 (50000 optional)
Face Recognition Accuracy	99.70%
Working temperature	-15℃~+45℃(storage temperature -40℃ ~ +65℃)
Working humidity	20%~90%(storage humidity 20%~90±2%)
stand-by current	310mA
Working current	520mA
Working voltage	DC12V
Installation	Standard: Wall mount, desktop stand; Optional: bracket for turnstile, floor stand

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AI Dynamic Face Recognition Time Attendance Access Control Terminal

TM-AI05

5 inch IPS
Touch Screen

Both Desktop Bracket/
Wall-mounted Bracket
Screen Virtual
Bell Button

TM-AI06

4.3 inch IPS
Touch Screen

Best Price
Model

TM-AI08

8 inch HD IPS
Touch Screen

Mifare & EM
card Both
50000 Users

Face	Password	RFID Card	Infrared Fill-in	USB Disk	Wi-Fi	TCP/IP

Specifications

Product name	AI Dynamic Face Recognition Time Attendance Access Control Terminal
Multiple Languages	English and other 16 types
Keypad	Touch keypad
Operation system	LINUX 3.10
CPU,NPU	1.2G Dual-Core ARM Cortex-A7, 600G (0.6T, 1.2T Optional)
RAM	256MB (512MB Optional) DDR3
ROM	eMMC Flash 4GB (8GB Optional)
Binocular camera	2MP Colorful WDR+2MP Infrared live camera
Logs capacity	500000
Face Registration	Local operation: Enroll face with machine, import user photo with U disk
	Software operation: Import user photo to software, capture user photo with camera
Verification	Dynamic face recognition, password, ID/IC card optional
Face capacity	5000 (50000 optional)
Card Capacity	5000 (50000 optional), ID Card Standard, IC Card Optional
Password Capacity	5000 (50000 optional)
Face Recognition Accuracy	99.70%
Working temperature	-15℃~+45℃(storage temperature -40℃ ~ +65℃)
Working humidity	20% ~ 90%(storage humidity 20% ~ 90±2%)
stand-by current	310mA
Working current	520mA
Working voltage	DC12V
Installation	Standard: Wall mount, desktop stand; Optional: bracket for turnstile, floor stand

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AI Dynamic Face Recognition Time Attendance Access Control Terminal

10.1 inch

TM-AI03F	TM-AI06F	TM-X1	TM-AI07F	TM-AI18EF
5 inch IPS Touch Screen	4 inch IPS Touch Screen	10.1 inch IPS Touch Screen	5 inch HD IPS Touch Screen	8 inch HD IPS Touch Screen
Support Face & Fingerprint,Card	Support Face & Fingerprint, CardTouch screen	Waterproof IP65 Face recognition & Fingerprint ID/IC	AI Face & Fingerprint Type Aluminium alloy Case	AI Face & Fingerprint Type Aluminium alloy Case
Fingerprint: 10000(50000 optional)	Fingerprint: 10000	Fingerprint: 100000	Fingerprint: 100000	Fingerprint: 100000

Face   Fingerprint   Password   RFID Card   Infrared Fill-in   USB Disk   Wi-Fi
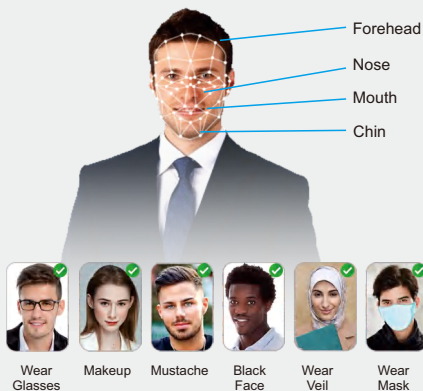
Specifications

Multiple Languages	English and other 16 types
Keypad	Touch keypad
Operation system	LINUX 3.10
CPU,NPU	1.2G Dual-Core ARM Cortex-A7, 600G (0.6T, 1.2T Optional)
RAM	256MB (512MB Optional) DDR3
ROM	eMMC Flash 4GB (8GB Optional)
Binocular camera	2MP Colorful WDR+2MP Infrared live camera
Logs capacity	500000
Face Registration	Local operation: Enroll face with machine, import user photo with U disk Software operation: Import user photo to software, capture user photo with camera
Verification	Dynamic face recognition, password, ID/IC card optional
Face capacity	5000 (50000 optional)
Fingerprint capacity	10000
Card Capacity	5000 (50000 optional), ID Card Standard, IC Card Optional
Password Capacity	5000 (50000 optional)
Face Recognition Accuracy	99.70%
Working temperature	-15℃~+45℃(storage temperature -40℃ ~ +65℃)
Working humidity	20% ~ 90%(storage humidity 20% ~ 90±2%)
stand-by current	310mA
Working current	520mA
Working voltage	DC12V
Installation	Standard: Wall mount, desktop stand; Optional: bracket for turnstile, floor stand

Server
Alarm
Electric Lock   Magnetic
TCP/IP
Exit Button

Infrared Live Body Detection
Fast identify forehead, nose, chin, mouth, etc.

Forehead
Nose
Mouth
Chin

Wear Glasses   Makeup   Mustache   Black Face   Wear Veil   Wear Mask

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ECO AI Dynamic Face Recognition
Time Attendance Access Control Terminal

TM-AI Face 11

4.3 inch
Touch Screen

TM-AI26

4.3 inch
Touch Screen

TM-AI20

2.8 inch
Touch Key

TM-AI21

4.0 inch
Touch Screen

Specifications

Keypad	Touch keypad
Operation system	LINUX 3.10
CPU	800M single-core ARM Cortex-A7
NPU	800G (0.8T) Hashrate
RAM, ROM	256M DDR3L, 4G EMMC
Camera	2MP color camera + 2MP infrared camera
Logs capacity	500000
Verification	Face recognition, password, ID Card(IC card optional)
Face capacity	5000
Card Capacity	5000
Password Capacity	5000
Face Recognition Accuracy	99.70%
Recognition Speed	≤0.2s
Recognition Distance	0.5~2.5 meters (0.5~1.5 meters with live face recognition on)
WDR	Wide dynamic range, support accurate face recognition under
	Strong light, dark light and backlight
USB	USB2.0x1 , Support U disk import/export data
Power supply	DC12V 1A
Built-in Battery (optional)	7.4V, 2000mA (AI Face 11)
Network Communication	TCP/IP, USB, Wifi
Free Attendance sofware	Local software and web based cloud software
Mask Detection	Support mask detection and face recognition with mask on
Access Control Interface	Lock output , Doorbell output/external ring , Weigand input/output
Environmental adaptability	Working temperature: 0~45℃ Working humidity: 20% ~90%
Muti language	Support 20 national languages

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ECO AI Dynamic Face Recognition Time Attendance Access Control Terminal
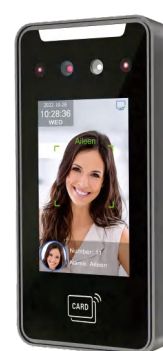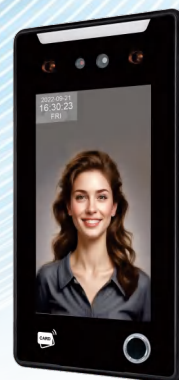
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TM-AI Face 11F
4.3 inch
Touch Screen

TM-AI26F
4.3 inch
Touch Screen

TM-AI27F
7.0 inch
Touch Screen

Specifications

Keypad	Touch keypad
Operation system	LINUX 3.10
CPU	800M single-core ARM Cortex-A7
NPU	800G (0.8T) Hashrate
RAM, ROM	256M DDR3L, 4G EMMC
Camera	2MP color camera + 2MP infrared camera
Logs capacity	500000
Verification	Face recognition, Fingerprint, password, ID Card(IC card optional)
Face capacity	5000
Card Capacity	5000
Password Capacity	5000
Fingerprint Capacity	5000
Face Recognition Accuracy	99.70%
Recognition Speed	≤0.2s
Recognition Distance	0.5~2.5 meters (0.5~1.5 meters with live face recognition on)
WDR	Wide dynamic range, support accurate face recognition under
	Strong light, dark light and backlight
USB	USB2.0x1，Support U disk import/export data
Power supply	DC12V 1A
Built-in Battery (optional)	7.4V, 2000mA (AI Face 11F)
Network Communication	TCP/IP, USB, Wifi
Free Attendance sofware	Local software and web based cloud software
Mask Detection	Support mask detection and face recognition with mask on
Access Control Interface	Lock output，Doorbell output/external ring，Weigand input/output
Environmental adaptability	Working temperature: 0~45℃ Working humidity: 20% ~90%
Muti language	Support 20 national languages

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Static Face / Fingerprint / Card Time Attendance

Different Case designs for your Option

TM-F610
Size
170*155*35mm

TM-F650
Size
186*170*35mm

TM-F620
Size
186*158*35mm

TM-F630
Size
186*170*35mm

TM-F6000
Size
170*155*35mm

TM-F662
Size
145*176*93mm

TM-F850
Size
167*140*35mm

Face　　Fingerprint　　Password　　RFID Card

Specifications

Product name	Face / Fingerprint / Card Time Attendance
Working	Network
Identification Style	Face, fingerprint, card, password
Identification Speed	<1 sec
FAR	<0.01
FAR	<0.0001
Face Capacity	1000/3000
Fingerprint Capacity	3000/5000
Card Capacity	3000/5000
Password Capacity	3000/5000
Record Capacity	100,000/300,000
Display	2.8 TFT/4.3 TFT
Language	English/Spanish/Turkish/Arabic/Thai/Persian and so on
Communication	TCP/IP/USB
Humidity	20%-60%
Temperature	0℃-40℃
Access control	Simple access control function for door open/close control
WG	1 Set WG In / Out
Output	Electric Lock
Voice	Boom,Dual LED
Power Supply	DC9V
Software	Free

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Fingerprint & Card Access Control

Different Case designs for your Option

TFS28	**TFS50**	**TFS28 Plus**	**TFS30**	**TFS70**	**TFS90**
2.4" TFT Color LCD Fingerprint 3000 Size 105*105*30mm	Matellic case IP65 waterproof (Optional Ip67) ID&IC card Slim design: 140*42*18mm, for door with slim frame	2.4" TFT Color LCD Fingerprint 3000 Size 105*105*30mm	2.4" TFT Color LCD Fingerprint 3000 Size 190*80*33mm	2.0" TFT Color LCD Fingerprint 3000 Size 190*80*33mm	2.8" TFT Color LCD Fingerprint 3000 Size 190*80*42mm

Specifications

Product name	Fingerprint & Card Access Control
Working	Online
Identification Style	Fingerprint, card, password
Identification Speed	<1 sec
FAR	<0.01
FAR	<0.0001
Fingerprint Capacity	3000
Card Capacity	3000
Password Capacity	3000
Record Capacity	200,000
Display	2.0 TFT/2.4 TFT
Language	English/Spanish/Turkish/Arabic/Thai/Persian and so on
Communication	TCP/IP/USB
Humidity	20%-60%
Temperature	0℃-40℃
Access control	Professional Simple access control function for door open/close control
Output	Electric Lock
Voice	Boom, Dual LED
Power Supply	DC12V
Software	Free

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Fingerprint & Card Time Attendance

TM52	**TM20**	**TM30**	**TM60**	**TM70**
Size 187*131*42mm	Size 198*140*40mm	Size 190*180*42mm	Size 189*137*50mm	Size 187*131*42mm

|				
TM50	**TM51**	**TM58**	**TM90**	**TM1000**
Size 185*125*38mm	Size 185*125*38mm	Size 180*128*40mm	Size 192*136*40mm	Size 180*130*38mm

Specifications

Product name	Fingerprint & Card Time Attendance
Working	Online
Identification Style	Fingerprint, card, password
Identification Speed	<1 sec
FAR	<0.01
FAR	<0.0001
Fingerprint Capacity	3000
Card Capacity	3000
Password Capacity	3000
Record Capacity	200,000
Display	2.4 / 2.8 TFT Color Screen
Language	English/Spanish/Turkish/Arabic/Thai/Persian and so on
Communication	TCP/IP/USB
Humidity	20%-60%
Temperature	0℃-40℃
Access control	Simple access control function for door open/close control
Output	Electric Lock
Voice	Boom,Dual LED
Power Supply	DC9V
Software	Free

Fingerprint

PIN
Password

CARD
RFID Card

TCP/IP

Router

TCP/IP   TCP/IP   TCP/IP
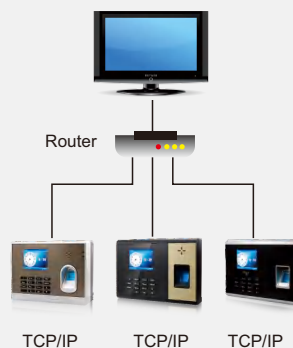
< 18 >
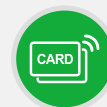
Standalone Excel Report Time Attendance

TM1800
Size 160*130*30mm

TM2800
Size 160*130*30mm

TM3800
Size 160*130*30mm

TM4800
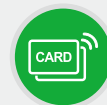Size 160*130*30mm

TM8000
Size 170*130*30mm

Specifications

Product name	Fingerprint & Card Time Attendance
Working	Standalone
Identification Style	Fingerprint, card, password
Identification Speed	<0.8 sec
FAR	<0.01
FAR	<0.0001
Fingerprint Capacity	1000
Card Capacity	1000
Password Capacity	1000
Record Capacity	100,000
Display	2.4 / 2.8 TFT Color Screen
Languages	English/Spanish/Turkish/Arabic/Thai/French/Vietnamese and so on
Communication	FP+Card, PIN+Card,FP+PIN, FP+PIN+Card
Humidity	20%-60%
Temperature	0℃-40℃
Report	USB pen driver download reports in Excel or TXT file
Voice	Prompt voice of late arrival or early departure
Power Supply	DC5V

Fingerprint

PIN
Password

CARD
RFID Card

Automatic Report Generation

USB Flash Disk

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Standalone Fingerprint & Card Access Control

TFS10
Size:118*118*30mm
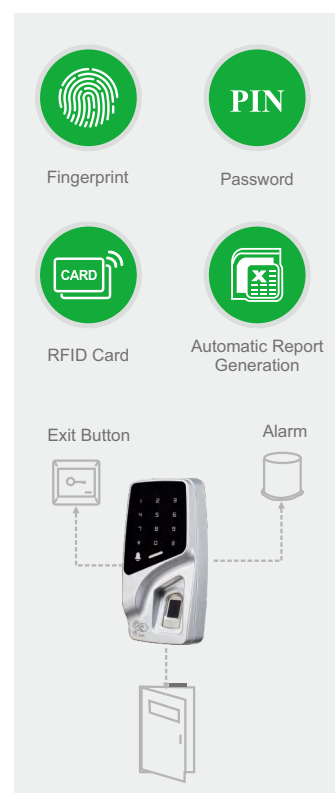
TFS12A
Size:86*86*30mm

TFS16
Size:140*68*34mm

TAS10
Size:118*118*30mm

Specifications

Product name	Fingerprint & Card Time Attendance
Working	Standalone
Identification Style	Fingerprint, card, password
Identification Speed	<0.8 sec
FAR	<0.01
FAR	<0.0001
Fingerprint Capacity	1000
Card Capacity	1000
Password Capacity	1000
Record Capacity	100,000
Display	2.4 / 2.8 TFT Color Screen
Languages	English/Spanish/Turkish/Arabic/Thai/French/Vietnamese and so on
Communication	FP+Card, PIN+Card,FP+PIN, FP+PIN+Card
Humidity	20%-60%
Temperature	0℃-40℃
Access control	Simple access control function for door open/close control
Power Supply	DC12V

Fingerprint

PIN
Password

CARD
RFID Card

Automatic Report Generation

Exit Button

Alarm

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QR Code Scanner
For Access Control System

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★ Read distance: 0~10cm(for QR code)
★ Code Type: QR code, 1D/2D barcode
★ working currency: ＜60MA
★ Card type: ID card, IC card, NFC card

★ Interface: Wiegand/RS232/RS485
★ Card read distance: 3~6cm
★ Decoding mode: Image decoding
★ Power supply: DC 12V

IPX7

TM-Q1	TM-Q3	TM-Q1S	TM-Q5	TM-Q8
86x86x8mm	86x86x37mm	86x86x8mm	165x80x25mm	120x73x18mm

QR code · RFID/Mifare · Smart chip · NFC Access Control Solution

Visitor

Access control

Identification

Channel gate

Specifications

Product name	QR code access control card reader
Read distance	0~10cm(for QR code)
Code Type	QR code, 1D/2D barcode
working currency	< 60MA
Card type	ID card, IC card, NFC card
Interface	Wiegand/USB/RS232/RS485
Card read distance	3~6cm
Material	Tempered glass and Zinc alloy
Decoding mode	Image decoding
Power supply	DC 12V

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Tuya Fingerprint&RFID Access Control
Works with Smartphone by Tuya APP

tuya
Intelligence Inside
Tuya Wifi App Remote Control

WiFi

CARD
EM Card / Mifare Card

IP68

T12	**TF2**	**TF3**
114*75*16mm	135*47*24mm	139*70*22mm

Specifications

|	
Card Type	EM Card(125khz), Mifare Card(13.56Mhz) optional
Keypad	Touch Keypad with Backlight
Material	Plastic
User Capacity	2000
Operating Voltage	12~24V
Standby Current	≤35mA
Waterproof	IP68
Operating Temperature	-35℃~55℃
Access Ways	Card, PIN, or combination
Door Bell	Support
Wiegand	WG 26/34, input&output
Admin Card	Support admin add card and admin delete card
Tuya APP Function	Remote unlock with APP, Add/edit/delete users in APP, Check unlock records, Generate recyclable temporary password and set validity period, Generate one-time use temporary password

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Proximity card time attendance

Proximity card time attendance terminal

- Access Control, WG26
- Store your data on a USB flash drive
- Communication: USB , RS485, TCP/IP
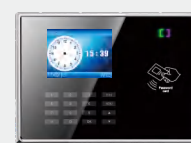
< 23 >

TFS800
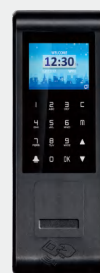
TFS700

TFS500

TD300
2.8" TFT Color LCD
180*128*50mm

TD800
2.8" TFT Color LCD
187*131*42mm

TD900
2.4" TFT Color LCD
187*131*42mm

Download reports directly without software

CARD

Specifications

Identification style	Card/PIN
Languages	Chinese , English, and more.
Card capacity	10000
Record capacity	100.000
LCD Size	2.4" TFT Color LCD / 2.8" TFT Color LCD
Communication	USB Cable/USB flash drive (optional TCP/IP)
Access control	Weigand 26 output and relay output
Voltage	DC5V / DC9V
Optional accessories	Optional battery

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Fingerprint Reader

U5000
95 (L) * 52 (W) * 36 (H) mm

U6000
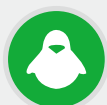74.8 (L) * 50 (W) * 30.8 (H) mm

Fingerprint

HF Cloud

USB 2.0

Win

Android

Lin

Dry Finger ✓

Wet Finger ✓

Lingt Texture Finger ✓

Fake Fingerprint ✗

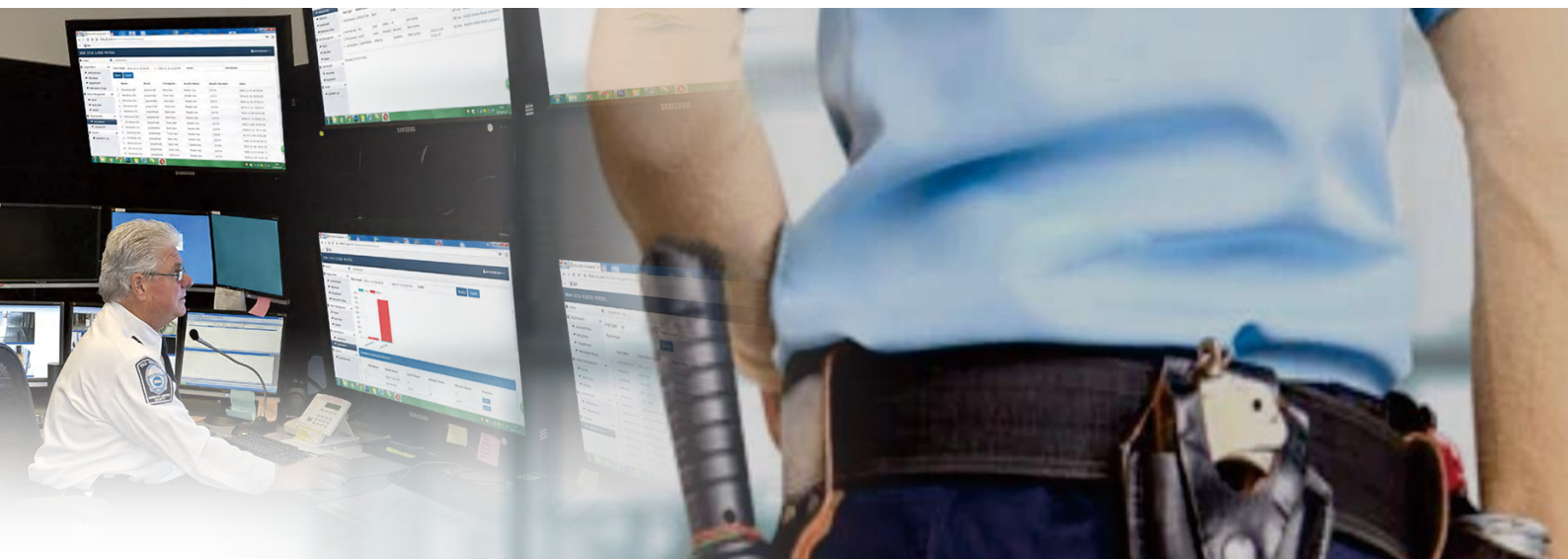High precision optical fingerprint sensor, rejects fake fingerprint

Specifications

Hardware	
Physical size	-20 ° C to +70 ° C
Operating temperature	98%
Working humidity	5V
Operating voltage Working	Up to 140mA
current	
Software	Window,Android , Linx
OS	For Free, support ASP.NET, JAVA, Active X,
SDK	Web-based development etc
Fingerprint Sensor	
Image Size	256*288
Image Resolution	500DPI
Window Area	17mm * 19mm
Fidelity FRR	0.01%
False rate FAR	0.0001 %
Match Speed	<1s
Image Standard	WSQ , BMP and RAW, etc
Fingerprint Standard	ISO19794-2/-4, ANSI378
Durable	It can be used more than 1,000,000 times
Good anti-static	> 15KV, for dry weather
Communication	
Interface	USB/ Micro-USB (optional RS232/UART)

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Online Guard Tour System

4G/GPRS/GPS real time guard tour patrol monitoring system with cloud software and mobile APP

TM-K2

Online Guard Tour System

4G/GPRS/GPS real time guard tour patrol monitoring system with cloud software and mobile APP

OLED Display	GPS	Android APP
Alarm Clock	SOS Alarm	
IP68 Waterproof	Impact Detect	4G Real-time Upload
Large Capacity Battery		

TM-101Z

RFID Guard Patrol System With Management Software

Application:
security guard, hospital, public security, hotel patrol, Petrochemical patrol, etc

IP67 Waterproof	60000 Logs Large-Capacity Storage	900mAh Large Battery Capacity
Alarm Clock Reminder	Management Software	5M Drop-Proof (5 Meters)

TM-101E

Economic Guard Tour System

2020 Popular Security Product Guard Tour Patrol System Standalone
Software Download Data

Sturdy anti-fall	Rainproof	Alarm reminder
Non-slip shedding	Sensitive	Mass storage
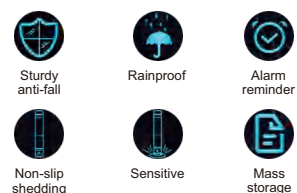
Touch Probe Security Guard Tour System

TM-101X

Security Guard Tour Patrol Checkpoint

52mm

TM-100T   TM-100

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Long range Integrated UHF Reader/writer

UHF Ultrahigh frequency Long distance reading

Group tags reading, To read the tags at per time

IP65 Waterproof, Dust proof and lightning protection

TM-SM06	TM-SM109	TM-SM15	TM-SR20	TM-SR40
5-6M	7-8M	10-15M	15-20M	30-40M
Size: 227*227*60mm	Size: 260*260*60mm	Size: 450*450*50mm	Size: 215*215*50mm	Size: 445*445*35mm
Weight: 2 Kg	Weight: 3 Kg	Weight: 4.5 Kg	Weight: 0.8 Kg	Weight: 2.55 Kg

Specifications

Product name	Long range Integrated UHF Reader/writer
Working frequency	865～868MHz/902～928MHz
Reading distance	6-40 meters
Massive reading quantity	>50 tags
Label protocol	Support ISO18000-6B, ISO18000-6C (EPC GEN2) protocol electronic label
Frequency hopping mode	broad spectrum frequency hopping (FHSS) or fixed frequency, which can be set by software
Working mode	automatic mode, trigger mode, interactive mode, etc.
RF power	0-30dBm (power software adjustable)
Antenna parameters	8-12dBi circularly polarized antenna (built-in)
Support interface	Standard RS232/RS485, Wiegand26/34 (Optional TCP/IP, WIFI, GPRS)
Working voltage	12V
Recognition prompt	beep or LED flash
Power consumption	<1W
Working temperature	-20℃ ~ +70℃

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App Control Smart Biomtric Door Lock

Powerde By

tuya

Intelligence Inside

Tuya Wifi App Remote Control

TTLock Version

Infrared 3D Recognition

3D Face Recognition

Face Unlock	Fingerprint Unlock	Card Unlock	Password Unlock	Key Unlock	Door bell	Digital Door viewer

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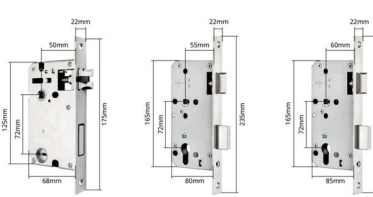| **TL20**	**TL60**	**B1**	**A9**	**B3**	**D1**	**D2**
TT Lock/Tuya Wifi Fingerprint Apartment Metal Door Lock	Tuya Wifi 3D Face & Fingerprint Glass Door lock	TT Lock/Tuya Wifi Fingerprint Wooden/ Metal Door Lock	3D Face Recognition Full-Automatic Smart Lock	TT Lock/Tuya Wifi Fingerprint Wooden Door Lock	American Standard Code Button& Key Deadbolt door lock	American Standard TT Lock/Tuya Wifi Fingerprint,Code Button& Key Deadbolt door lock

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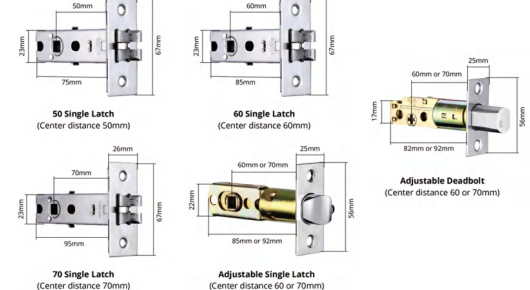### ◆ 6068 Anti-theft Mortise
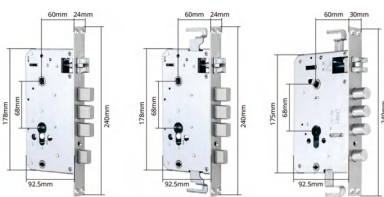
Standard 6068 (24×240mm)

Security Hook 6068 (24×240mm)

Cylinder 6068 (30×240mm)

◆ Swing Mortise (72 Series)

5072 (22×175mm)

5572 (22×235mm)

6072 (22×235mm)

◆ Single Latch & Deadbolt

50 Single Latch (Center distance 50mm)

60 Single Latch (Center distance 60mm)

Adjustable Deadbolt (Center distance 60 or 70mm)

70 Single Latch (Center distance 70mm)

Adjustable Single Latch (Center distance 60 or 70mm)

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Card Access Control

RFID Card Access Control

TDS10
Size 155*45*20

TDS19
Size 86*86*20

TDS03
Size 86*86*18

TDS18
Size 111*61*22

Access control system accessories

TM-PS12V3A

TM-PS12V5A

TM-PS12V5AB
(BATTERY)

TM-250
Electric Bolt Lock

TM-280LED Magnetic
lock（two lines）

TM-20 Aluminum
alloy door clip

TM280-U U
support

TM280-ZL L type, Z type
magnetic lock support

TM - 01A
Stainless steel button

TM-02A
touch button

TM-02A
touch button

TM-05A
Exit button

TM-06A Infrared
Exit button

TM-07W Emergency
door release

Remote button

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TiMY®