



trumps Media Comms Pte Ltd

your partner for
SafeEntry solutions



TM Face Recognition Temperature Sensor Modules (FRTM) Safe Management Compliant

Our FRTM temperature screening and SafeEntry solution helps you implement MOM Safe Management Measures at the workplace efficiently, keeping your staff and visitors safe.

Temperature Screening & SafeEntry is contact free and convenient for everybody's safety.

- ✓ Easy deployment
- ✓ Contact Free Temperature Reading
- ✓ Face Mask Recognition
- ✓ High Temperature Alarm
- ✓ RFID Card Reader option
- ✓ Contact Tracing ID log in capability
- ✓ Content Management software option



Trumps MediaComms Pte Ltd

3011, #02-2008 Bedok Industrial Park E S489977

Tel : +65 6441 0681 WhatsApp : +65 9632 3181

E-mail : hello@trumpsmedia.com www.trumpsmedia.com

TM Face Recognition Temperature Sensor Modules (FRTM)

Tower Modules

TOWER FRTM UNITS

Screen Size : 8"

Tower Height : H1.55m (base to top of unit)

Screen Resolution : 1280 pixels x 800 pixels

Screen Type : IPS LCD 8"

Camera Type : Binocular Wide Dynamic Camera / F2:4 Aperture

Connectivity : Wi-fi / USB

Face Recognition with mask on detection capability

Thermal Imaging Module: Supports body temperature reading

Alarm : High Temperature alarm set at 37.5° Celsius

Face Library : Supports up to 30,000 face images

Wiegand Interface Ready for access modules

All units are addressable



OTHER FTRM MODULE DESIGNS



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SPECIFICATIONS

General	
Main screen	8" IPS Full View LCD Display
CPU	RK3288 quad-core (optional RK3399 six-core, MSM8953 (8 Core)
RAM	2 Gb
Optical Camera	Total Pixels : 2 million, Resolution :of 1920 x 1080
Infrared Module	Yes
Photo Flashlight	LED and IR dual photo flood light
Network Module	Ethernet & Wi-Fi
Card Reading	RFID supported
Temperature Measurement	Accuracy: $\leq \pm 0.5^{\circ}\text{C}$ Range: $10^{\circ}\text{C} \sim 42^{\circ}\text{C}$
Face recognition	
Image Storage	Maximum 30,000 images
Face Recognition Mode	1:1/1:N
Face Recognition Time	< 1s
Face Recognition Distance	40~100cm
Functions	
Access Control	Via Face Recognition, password, card (optional), temperature measurement
Turnstile Interface Operation	Automatic recognition
Visitor Greeting Message	Customized messages, i.e., "welcome to ___", "Please wear a mask"
Visitor Entry Options	ID entry via Backend Module / Appointment management
Device Management Control	Direct access or Via Back End module
Remote Control	Via Back End module
Sleep Mode Activation	Automatic wake-up in standby mode
Appearance	
Color	Sliver
Material	Aluminum alloy-frame and tempered glass-panel
Dimensions	260.18 x 132.88 x 18.3 mm
Operation	
Voltage	DC12V \pm 10%
Current	2A
Power	13W max
Power Supply Type	12V DC Power Supply
Temperature	-20 $^{\circ}\text{C}$ ~+60 $^{\circ}\text{C}$
Humidity	10%~90% \pm 5%
Interfaces	
Ethernet	RJ45 interface
USB	1 USB OTG, 1 USB HOST standard A port
Audio	2.5W / 4R speakers
Relay Output	1 door opening signal output
Available features	Door access/Wiegand interface/SD card interface. Interfaces include backend Device Management, Personnel / Photo ID management
Optional Features	External modules such as fingerprint recognition and ID card reading



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Turnstile Access options also available

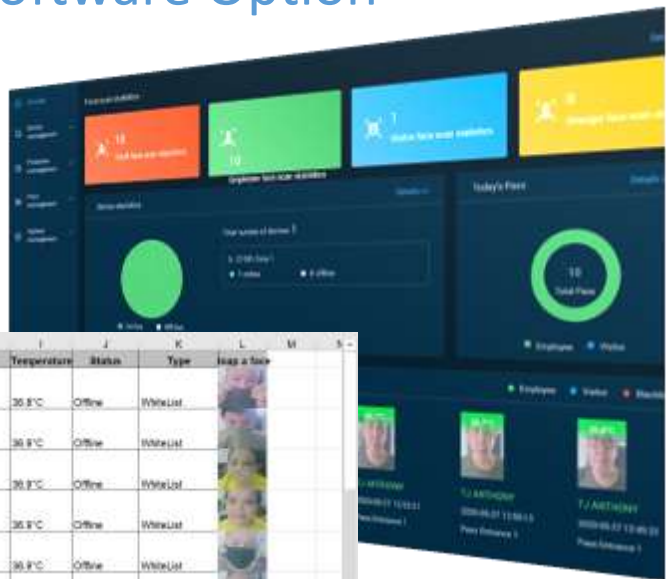
(Wiegand connectors ready)



Content Management Software Option

Back up data can show

- ✓ Name (if registered)
- ✓ Contact Number (if registered)
- ✓ Photo taken at time of entry
- ✓ Date/Time of entry
- ✓ Temperature at time of entry



	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Mac	Device Name	Direction	D Number	C Number	Number ID	Name	Transit time	Temperature	Status	Type	Image a face		
2	80FCA0038406	Entrance 1	In			80323181	Anthony T.J	2023-05-25 21:00:04	30.8°C	Offline	WhiteList			
3	80FCA0038406	Entrance 1	In			82111522	Alex	2023-05-25 20:59:58	30.8°C	Offline	WhiteList			
4	80FCA0038406	Entrance 1	In			80688522	Sulvi	2023-05-25 20:59:51	30.8°C	Offline	WhiteList			
5	80FCA0038406	Entrance 1	In			80688522	Sulvi	2023-05-25 20:59:46	30.8°C	Offline	WhiteList			
6	80FCA0038406	Entrance 1	In			80323181	Anthony T.J	2023-05-25 19:25:02	30.8°C	Offline	WhiteList			
7	80FCA0038406	Entrance 1	In			80323181	Anthony T.J	2023-05-25 18:14:28	30.8°C	Offline	WhiteList			
8	80FCA0038406	Entrance 1	In			80323181	Anthony T.J	2023-05-25 18:14:27	30.8°C	Offline	WhiteList			
9	80FCA0038406	Entrance 1	In			82111522	Alex	2023-05-25 18:13:43	30.8°C	Offline	WhiteList			
10	80FCA0038406	Entrance 1	In			82111522	Alex	2023-05-25 18:13:37	30.8°C	Offline	WhiteList			
11	80FCA0038406	Entrance 1	In			80688522	Sulvi	2023-05-25 18:13:19	30.8°C	Offline	WhiteList			



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SafeEntry

Visitor scans for temperature



After temperature reading, visitor scans SafeEntry QR code



Visitor Checks In via SafeEntry app



Options for Standard Temperature Readers are also available for clients that do not require Face Recognition feature.

Please click on [this link](#) to see more details

We can customize to clients requirements for special projects if required.

Customization will be subject to MOQ depending on the specifications.

Please contact us if you have a specific requirement.



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