

# Face Recognition & Thermometric Access Control Terminal DATASHEET



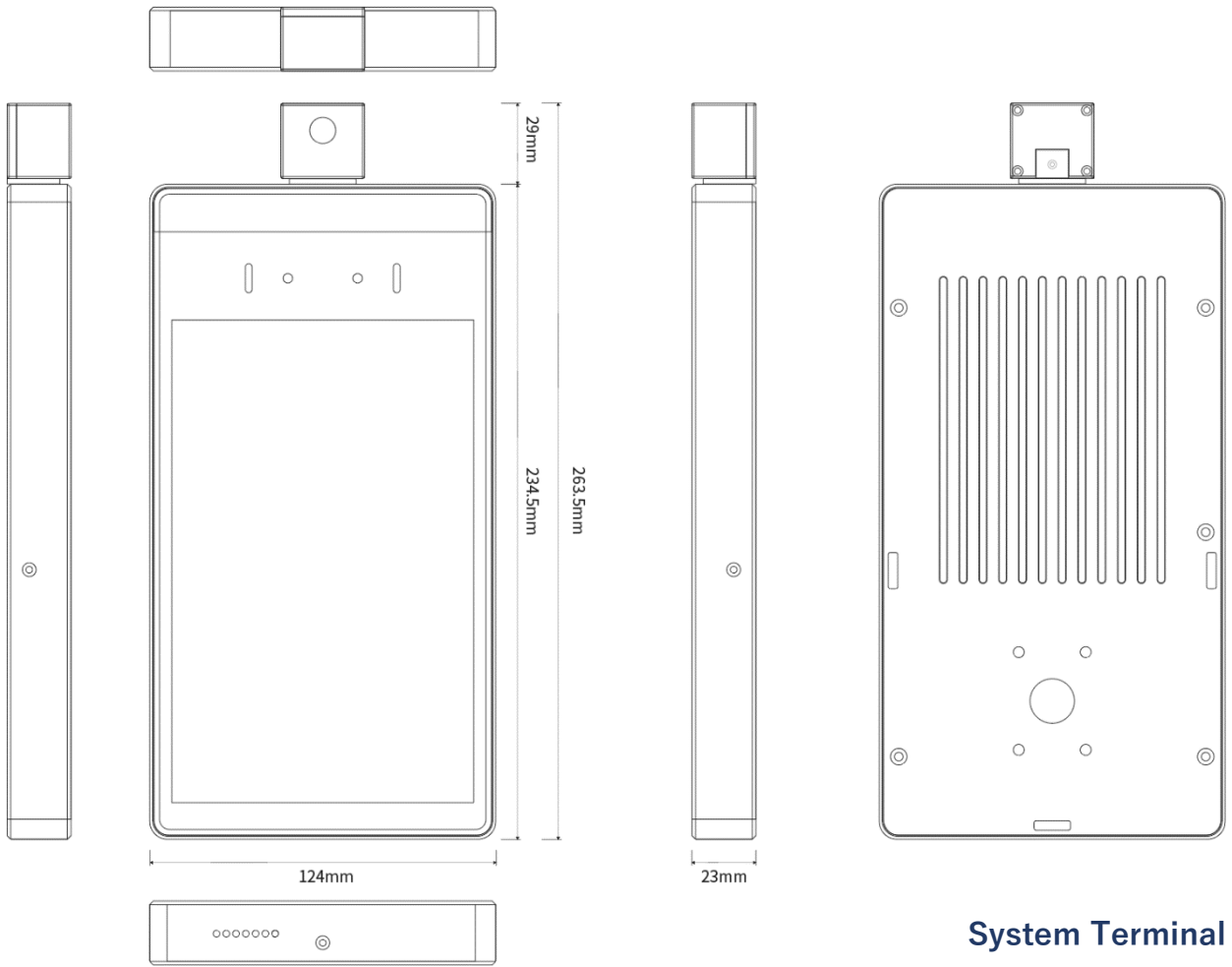
## Features

- Touchless Access Control
- Infrared thermography
- Temperature detection
- Fever alarm & notification
- Offline recognition
- Mask detection
- Visitor management

## Highlights

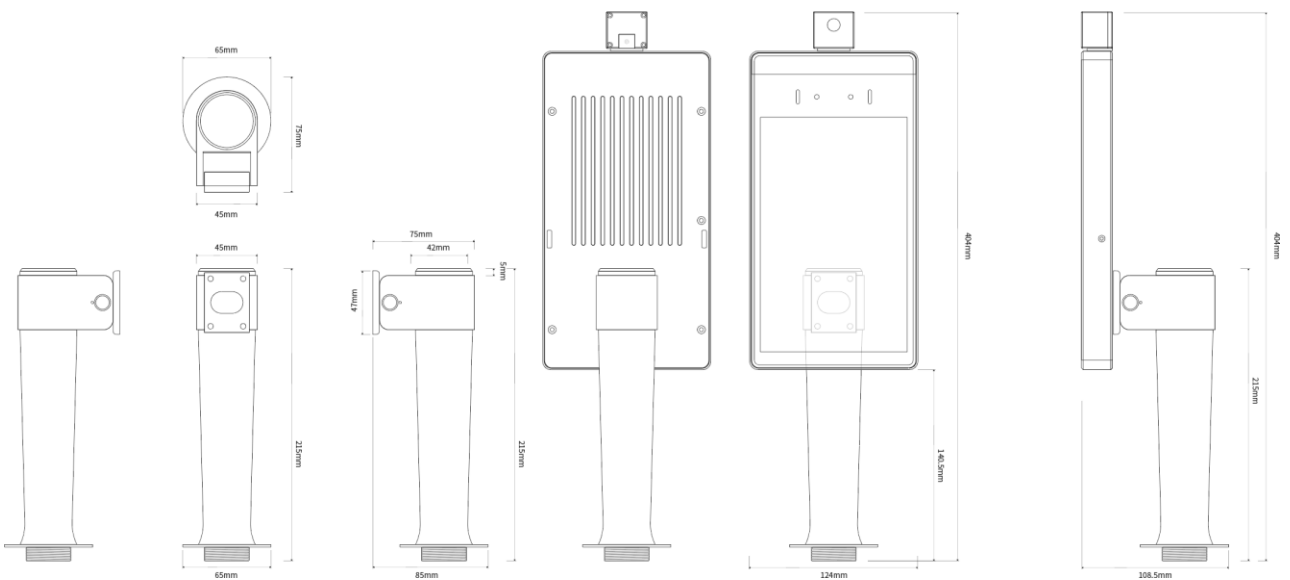
- **Multilingual System:** Support Chinese, English, Italian, Korean and Spanish
- **Recognition in Milliseconds:** World-leading algorithms to provide verify speed less than 300ms for facial recognition and 100ms for temperature measurement per person.
- **2-Step Authorization:** Entrance authorization based on identity authentication and body temperature measurement
- **Full Connectivity & Compatibility:** Compatible with existing access control infrastructure including card and QR code readers.
- **Seamless Integration:** Work with Tupu Face Access platform on default. Provides easy integration on third-party applications and platforms with APIs.

CAMERA	
Stereo Camera	2.0 Megapixel (RGB)+2.0 Megapixel (IR)
Illumination	White light & IR light; red & green light Indicator
FACIAL RECOGNITION	
Log Capacity	100000
User Capacity	10000+(memory expansion supported)
Anti-Spoofing	Yes
Mask Detection	Yes
Masked Face Recognition	Yes
Recognition Speed	<300ms
FAR	<0.1%
Accuracy	99.90%
Authentication Mode	1:N face matching + QR code
BODY TEMPERATURE MEASUREMENT	
Measuring Range	25-45°C ( 77-113°F )
Measurement Accuracy	±0.3°C ( ±0.54°F )
Measuring Distance	≤1m
GENERAL	
Operating System	Android 7.1
Language	Chinese, English, Italian, Spanish, Korean
Display	8-inch full view IPS LCD
Power	DC 12V-2A
Audio Prompt	Yes
Operating Temperature/Humidity	Temperature: 0-60°C      Humidity: 10%~90%
Storage	16GB (TF card memory supported)
Interface	Wiegand26; USB2.0 Hostx1 、 USB2.0 OTGx1; RJ45(10/100M Ethernet interface) ; DC5.5mm*2.5mm
Installation	Wall-mounted/turnstile-mounted/stand bracket
Accessories (optional)	Wall mount bracket/turnstile-mounted bracket/floor stand/desktop bracket/rain cover



**System Terminal**

Dimension	263.5x124x23mm	Weight	0.8kg
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**System with turnstile-mounting bracket**

Dimension	404x124x108.5mm	Weight	1.3kg
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## Declaration of Conformity

The submitted sample of the following equipment has been tested for CE-EMC according to the following European EMC standards.

**Applicant name & address** : Guangzhou Tupu Technology Co., Ltd.  
Room 504, 5/F, Block A1, 191 Kexue Avenue, Huangpu District, Guangzhou, Guangdong Province, China

**Manufacturer name & address** : Guangzhou Tupu Technology Co., Ltd.  
Room 504, 5/F, Block A1, 191 Kexue Avenue, Huangpu District, Guangzhou, Guangdong Province, China

**Product** : TupuCheck Pro

**Model/Type reference** : TupuCheck Pro

**Trade mark** : TUPUTECH

**Ratings** : Input: DC 12V/2A  
Adapter Input: 100-240V~, 50/60Hz  
Output: DC 12V/2A

**Order No. / Report No.** : EED32M000891

Test Standards	EN 55032: 2015
	EN 61000-3-2: 2014
	EN 61000-3-3: 2013
	EN 55035: 2017

This Declaration is for the exclusive use of CTI's Client and is provided pursuant to the agreement between CTI and its Client. The observations and test results reflected from this Declaration are relevant only to the sample tested. This Declaration by itself does not imply that the material, product, or service is or has ever been under a CTI certification program.

**Note:** This Declaration is part of the full test report(s) and should be read in conjunction with it.

David Wang  
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Date of Issue: Apr. 30, 2020

Check No.: 3336801780

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## Certificate of Compliance

**Certificate Number: BSTDG200413760801CC**

**Applicant** : Guangzhou Tupu Technology Co., Ltd.  
Room 504, 5/F, Block A1, 191 Kexue Avenue, Huangpu District, Guangzhou, Guangdong Province, China

**Manufacturer** : Guangzhou Tupu Technology Co., Ltd.  
Room 504, 5/F, Block A1, 191 Kexue Avenue, Huangpu District, Guangzhou, Guangdong Province, China

**Product Name** : TupuCheck pro

**Test Standard** : IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013,  
IEC 62321-6:2015, IEC 62321-7-1:2015,  
IEC 62321-7-2:2017, IEC 62321-8:2017

**As shown in the Test Report No.** : BSTDG200413760801CCR

The EUT described above has been tested by us and found in compliance with the council RoHS 2 Directive 2011/65/EU Annex II (EU) 2015/863 as last amended by Directive (EU) 2017/2102. This certificate is only valid in conjunction with the test report.

**RoHS**

**Tony Qian**  
Approved Signatory  
Apr.24, 2020

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