



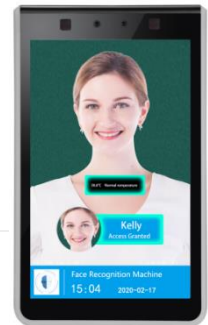
## 8" Face Recognition Access Control Terminal

### Model:

TA2023-F8.0

### Main Features:

- Support real time liveness detection
- Support for human face tracking exposure in strong backlight
- Unique live face recognition algorithm to accurately recognize faces, face recognition time is less than 0.5s
- Using Linux operating system, better system stability
- Mean time between failures MTBF>50000H
- Support 20,000+ face matching library and 57,000 face recognition records
- Operating temperature: -20 °C - +55 °C
- Rich hardware interface (I/O, WG26, WG34, RJ45, Door sensor, Doorbell, Open door, Alarm, RS485)
- 8-inch capacitance multi-touch screen, no streaking and delay



### Specifications:

Model	FA023-EN-WB-TR9-G-OS
Hardware	
Processor	Dual-Core processor
Operating system	Linux operating system
Memory	256M memory + 8GB eMMC
Sensor	1/2.8" Progressive Scan CMOS
Lens	4.32mm
Card swiping module	Supports mifare one (M1), S50, S70, CPU card and other 13.56MHz frequency band cards
WiFi module	IEEE 802.11b/g/n standard, support 2.4GHz frequency band



# CÔNG TY CỔ PHẦN THƯƠNG MẠI VÀ SẢN XUẤT TOÀN AN KHÁNH

Số 4, ngách 2, ngõ 199 Hồ Tùng Mậu, Cầu Diễn, Nam Từ Liêm, Hà Nội

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Touch screen	Capacitance multi-touch screen
Speaker	Voice playback content can be customized
Performance	
Recognition height	1.2~2.2 meters, angle adjustable
Recognition distance	0.3~1.5 meters
Viewing angle	Vertical viewing angle: 30°, horizontal viewing angle: 30°
Recognition time	Less than 0.5 seconds
Storage capacity	57,000 capture records
Face capacity	20,000pcs
Interface	
Power out	DC12V/2A
Network interface	1 RJ45 10M / 100M adaptive Ethernet port
Wiegand interface	1ch Wiegand interface input/output
Alarm interface	1ch fire in interface, 1ch alarm out interface
Door sensor interface	1ch magnetic interface
Open interface	1ch open door interface
Doorbell interface	1ch doorbell interface
Lock interface	1ch lock interface
Communication interface	1ch RS485 interface
Camera	
Camera	Dual cameras
Effective pixels	2MP, 1920*1080
Min Illumination	Color 0.01Lux @F1.2(ICR);B/W 0.001Lux @F1.2 (ICR)



Hợp tác để thành công

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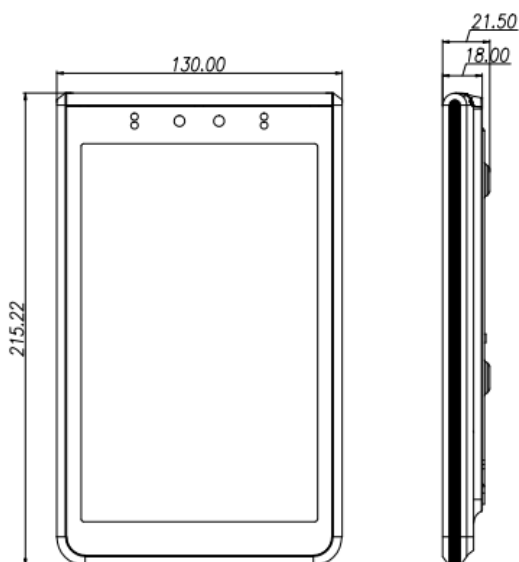
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SNR	≥50db(AGC OFF)
Screen resolution	1280*800
Regular	
Operating temperature	-20°C - +55°C
Working humidity	0~90% relative humidity, no condensation
Salt spray	Level Rp6 or above
Antistatic	Contact ±4KV, air ±8KV
Power	DC12V/2A
Ingress Protection Rating	IP42
Power	15W(MAX)
Equipment size	215.22(L) * 130 (W) * 18(T) mm
Screen size	8-inch IPS screen

### Size:





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**Interface:**

No.	Name	Quantity	Remark
①	Ground	1	Black and White:GND
②	Wiegand input/output	1	Orange:WGI_D0 Orange and white:WGI_D1 Brown:WGO_D0 Brown and white:WGO_D1
③	Fire in	1	Yellow:FIRE_ALM
④	Alarm out	1	Purple:NO Blue:COM White:NC
⑤	Doorbell	1	Light blue:BELL
⑥	Power	1	Red:WG_12V, Black:GND
⑦	Door sensor	1	Light green:DS
⑧	Open	1	Green:OPEN
⑨	Lock	1	Blue and white:NC Green and white:COM Grey:NO
⑩	RS485	1	Red:485+ Black:485-