



4.3" Face Recognition Access Control Terminal

Model:

IA868-43



Main Features:

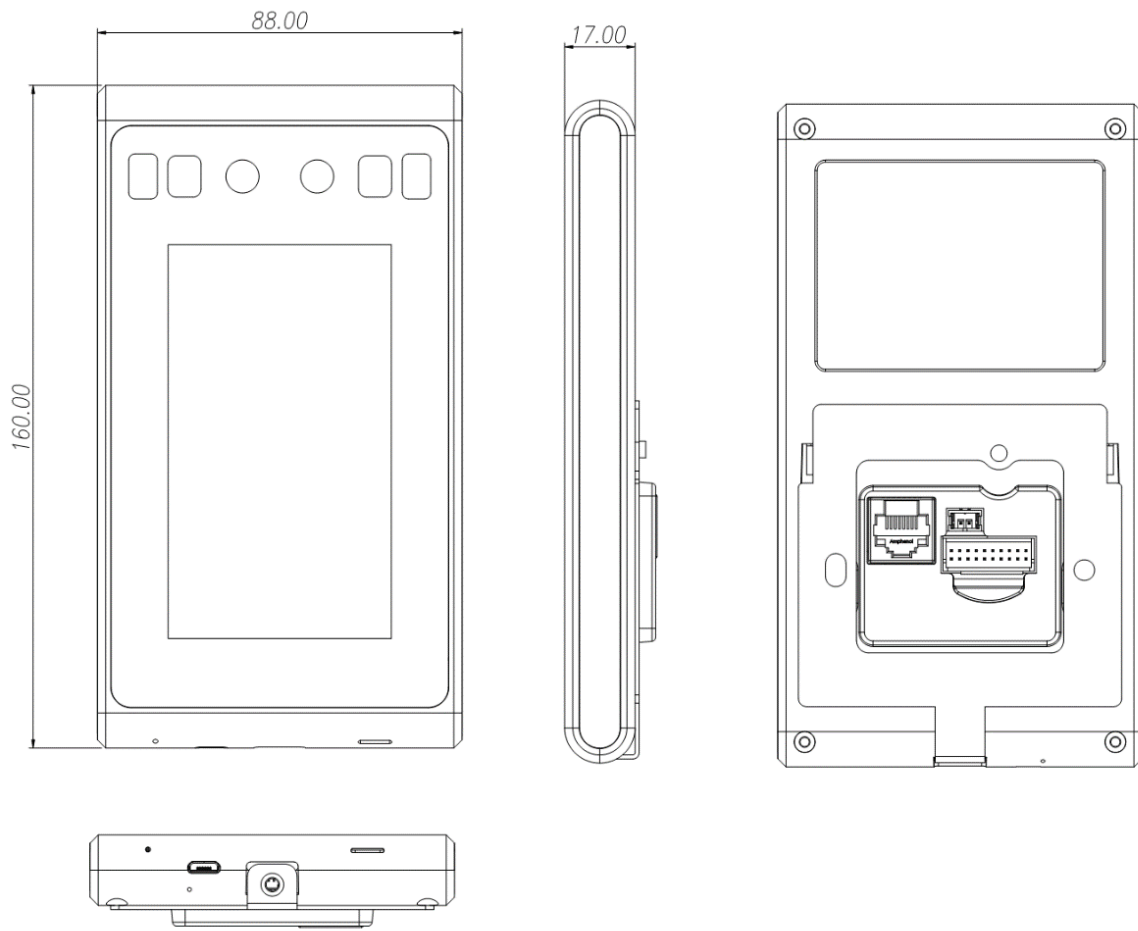
- Support real time liveness detection
- Support for human face tracking exposure in strong backlight
- Unique live face recognition algorithm to accurately recognize faces, face recognition time is less than 0.5s
- Using Linux operating system, better system stability
- Mean time between failures MTBF>50000H
- Support TCP/IP, UDP, DNS, DHCP protocol
- Support 20,000+ face matching library and 60,000 face recognition records
- Operating temperature: -20 °C - +55 °C
- Outdoor IP42 waterproof and dust proof
- Support tamper alarm
- Support microphone input audio, speaker output audio
- Rich hardware interface (I/O, WG26, WG34, RJ45, Door sensor, Doorbell, Open door, Alarm, RS485)
- 4.3-inch capacitance multi-touch screen, no streaking and delay

Specifications:

Model	IA868-43
Hardware	
Processor	Dual-Core ARM Cortex-A7, @1.0GHz
Operating system	Linux Operating system
Sensor	1/2.8" Progressive Scan CMOS
Lens	4.5mm
Card swiping module (Optional)	13.56MHz(Mifare) (FA1017-E21N-FDLE-TP-WFB-RF5-BG)
WiFi module	IEEE 802.11b/g/n standard, support 2.4GHz frequency band, speed range 1Mbps-150Mbps
Touch screen	Support, 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	60,000 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	1 ch doorbell interface
Lock interface	1 ch lock interface
Communication interface	1 ch 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)
SNR	≥50db(AGC OFF)
Screen resolution	480*272
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
Waterproof	IP42
Power	10W(MAX)
Equipment size	160(L) * 88 (W) * 17(T) mm
Screen size	4.3-inch capacitance multi-touch screen

Size:



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-



INTELLIGENT

INTELLIGENT ARTIFICIAL SDN BHD

No. 41, Jalan Puteri 5/3,
Bandar Puteri Puchong,
47100 Selangor

www.faceid.com.my, www.intelligent-ai.com.my

Tel: 03-8060 9449,+6016-277 7728 & +6016-414 2140