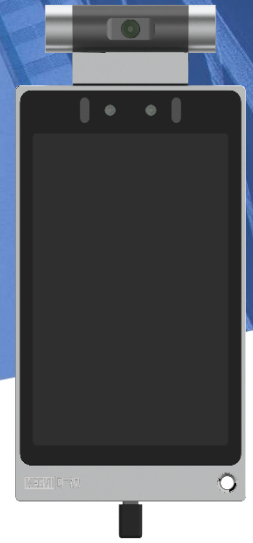# MEGPass Face Recognition Access Control Terminal (8")

MegEye-W5K-I8-N0+ MegAcc-MT-G8 is a thermal facial recognition terminal of the MEGVII hardware product family. This device provides safe, fast, and smooth passing experience for customers by its cutting-edge algorithm based on deep learning, and the infra + RGB cameras. It is mainly applied in the security access control scenarios of mansion lobby, school, airport and logistic center, etc. Meeting epidemic prevention and control requirements.

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Product Features

Recognition

100,000 face capacity, accuracy > 99.8%, speed≤200 ms.

Light Adaptability

Working in different light environment, even in 0 lux dark scene.

Anti-Spoofing

RGB+IR liveness detection, effectively defending against various forms of attacks such as photos, 3D paper models.

Multifunction

Supporting multiple authentication such as card and QR codes. Capable of connecting with various peripheral modules such as POE power supply, temperature screening module, etc.

Temperature Detection

Support temperature detection touchless, and mask detection. Support to push notification and link to alarm.

Integration

Rich REST API and SDK make integration very easy and friendly.
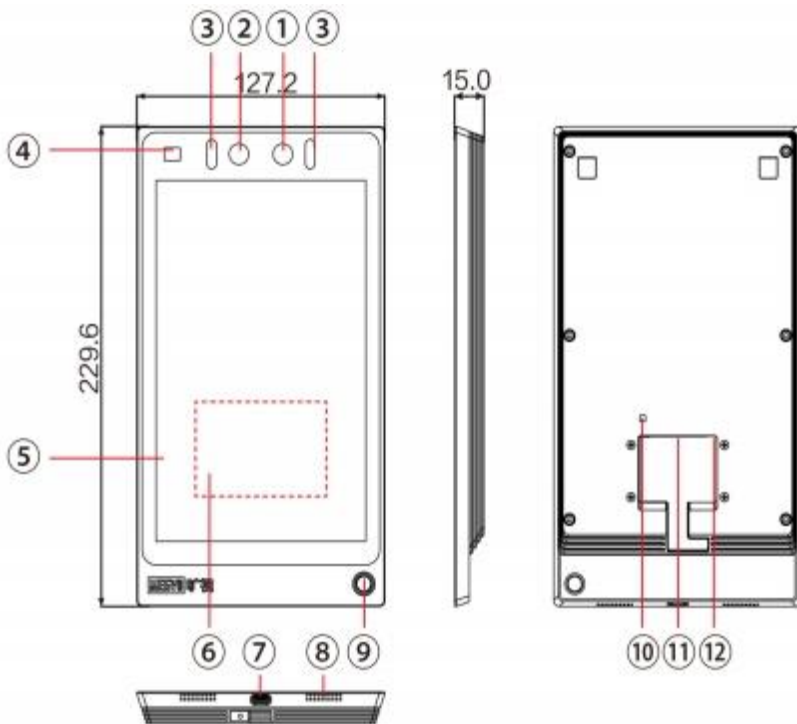
Application Scenarios

Building

Campus

Community

Bank

Specification

Model: MegEye-W5K-I8-N0

System	
Operation system	Android 7.1
Main Processor	RK3399
RAM	4G
ROM	16G
Network Protocol	IPv4, TCP, UDP
Interoperability	Open SDK
Open API	Support

Display	
Screen Size	8-inch
Screen Resolution	1280 × 800
Screen Type	Capacitive touch screen
Adjust screen brightness	Support
Status indicator	Breathing lamp design White Flashes 3 times： Recognition
Distance sensor	Support

Video & Audio	
Camera resolution	3MP RGB+1.3MP IR
Camera FOV	D: 74.38° H: 66.91° V: 40.91°
Minimum FR illuminance	0 lux (without compensation light)
WDR	Backlight resistance
Voice prompt	Support

Interface	
Network interface	1* 100M Ethernet port
RS-485	1
Wiegand	1 in/ 1 out
Lock output	1
Exit button input	1
Door contact input	1
Alarm input	2
Alarm output	1
Temperature Feature	0.3~1m
Temperature Accuracy	±0.5℃
Temperature Function	temperature ,mask notification

Capacity	
Card capacity	100,000
Face capacity	100,000
Password capacity	100,000
Event capacity	200,000
Personnel group	128

Authentication	
Authentication method	Face/Card/Password/QR code, Face+Card, Face+Password
Card type	Mifare
Card reading distance	0 to 2 cm
Card reading speed	< 1 s
Face recognition distance	0.3 to 2 m
Face recognition speed	< 0.15 s
Face recognition accuracy	≥99.8%

Function	
Language	English, Thai, Japanese
Operation mode	Standalone/server/cloud mode
Remote unlock	Support
Anti-passback	Support (API supported)
Face anti-spoofing	Support
Time synchronization	Support
Standby mode	Support
Mask recognition	Support

General	
Wi-Fi	Support
Power supply	DC 12V, 2A
Working temperature	-10 °C to 50 °C
Working humidity	0 to 90% (Non-condensing)
Working envirionment	Indoor
Dimensions	230 mm × 127 mm × 15 mm
Protective level	IP54
Housing material	Aluminum alloy
Net weight	625g
Installation	Wall mount/ Pole mount/ Turnstile
Certifications	CE

Specification

Available accessories:
1. Turnstile bracket
   Model: MegACC-KZI-240
2. Temperature module
   Model: MegAcc-MT-G8

No.	Name	Description
1	Visible light camera	Captures visible light images
2	Infrared camera	Captures infrared images
3	Infrared fill light	Provides fill light for the infrared camera
4	Proximity Sensor	Wake up device when needed
5	Display screen	8-inch multi-touch display screen
6	Card tap area	Users tap their cards here
7	USB port	A Type C port for connection with USB drives
8	Speaker	Plays audio prompts
9	Indicator light	Indicates the access result and power status
10	Tamper prevention button	Prevents disassembly after installation
11	External cable connection	Used for connection to a power source
12	Reset button	Long-press to restore to factory default settings

Contact