

## MEGPass Face Recognition Access Control Terminal (8")

MegEye-W5K-I8-N0 is a facial recognition terminal of the MEGVII hardware product family. This device provides a 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.



### Product Features

#### Industrial Design

13 mm ultra-thin alloy body, 70% screen-to-body ratio.

#### Recognition

100,000 face capacity, accuracy > 99.8%, speed  $\leq$  150 ms.

#### Light Adaptability

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

#### 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.

#### Anti-Spoofing

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

#### Integration

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

### Application Scenarios



Building



Campus



Community



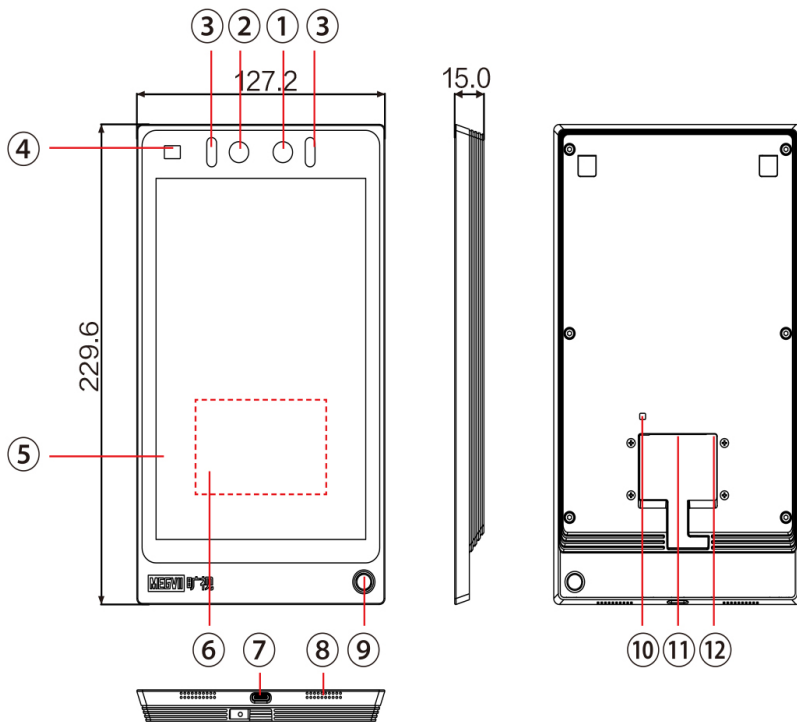
Hotel

# Specification

## Model: MegEye-W5K-I8-N0

<b>System</b>		Card capacity	100,000
Operation system	Android 7.1	Face capacity	100,000
Main Processor	RK3399	Password capacity	100,000
RAM	4G	Event capacity	200,000
ROM	16G	Personnel group	128
Network Protocol	IPv4, TCP, UDP	<b>Authentication</b>	
Interoperability	Open SDK	Authentication method	Face/Card/Password/QR code, Face+Card, Face+Password
Open API	Support	Card type	Mifare
<b>Display</b>		Card reading distance	0 to 2 cm
Screen Size	8-inch	Card reading speed	< 1 s
Screen Resolution	1280 × 800	Face recognition distance	0.3 to 2 m
Screen Type	Capacitive touch screen	Face recognition speed	< 0.15 s
Adjust screen brightness	Support	Face recognition accuracy	≥99.8%
Status indicator	Breathing lamp design White Flashes 3 times : Recognition successful	<b>Function</b>	
Distance sensor	Support	Language	Chinese, English, Thai, Japanese
<b>Video &amp; Audio</b>		Operation mode	Standalone/server/cloud mode
Camera resolution	3MP RGB+1.3MP IR	Remote unlock	Support
Camera FOV	D: 74.38° H: 66.91° V: 40.91°	Anti-passback	Support (API supported)
Minimum FR illuminance	0 lux (without compensation light)	Face anti-spoofing	Support
WDR	Backlight resistance	Time synchronization	Support
Voice prompt	Support	Standby mode	Support (can change background display)
<b>Interface</b>		Mask recognition	Support
Network interface	1* 100M Ethernet port	<b>General</b>	
RS-485	1	Wi-Fi	Support
Wiegand	1 in/ 1 out	Power supply	DC 12V, 2A
Lock output	1	Working temperature	-10 °C to 50 °C
Exit button input	1	Working humidity	0 to 90% (Non-condensing)
Door contact input	1	Working environment	Indoor
Alarm input	2	Dimensions	230 mm × 127 mm × 15 mm
Alarm output	1	Protective level	IP54
Power	1	Housing material	Aluminum alloy
TAMPER	1	Net weight	625g
USB type C	1	Installation	Wall mount/ Pole mount/ Turnstile
<b>Capacity</b>		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



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