

## MegPass Face Recognition Access Control Terminal (7")

MegEye-W4K-E7-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. This device is waterproof and dustproof.



### Product Features

#### Recognition

50,000 face capacity, accuracy > 99.8%, speed  $\leq$  200 ms.

#### Multifunction

Supporting multiple authentication such as card and QR codes. Connecting with various peripheral modules such as POE, temperature screening, etc.

#### Light Adaptability

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

#### Integration

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

#### Anti-Spoofing

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

### Application Scenarios



Building



Campus



Community



Hotel



Resort



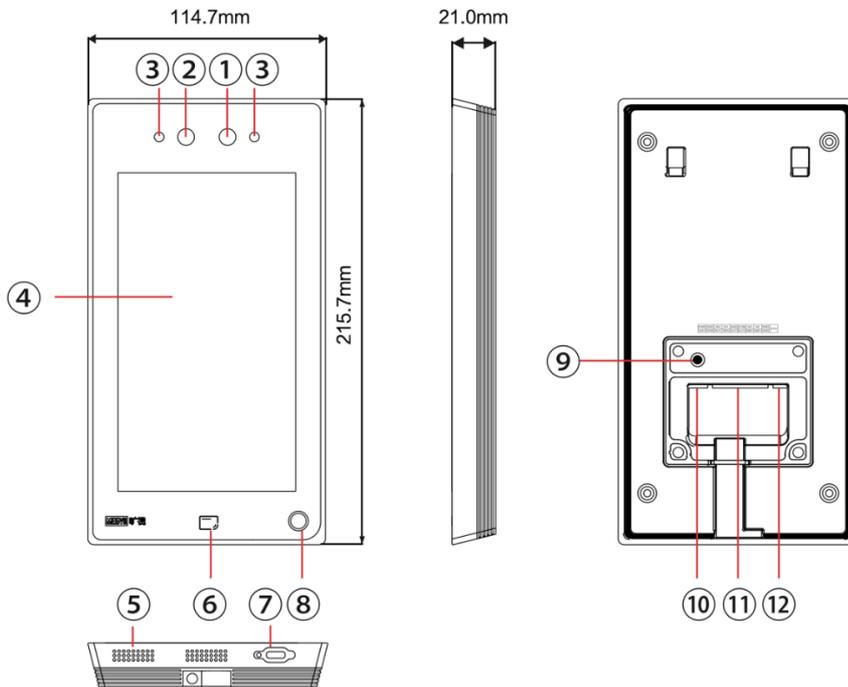
Factory

## Specification

### Model: MegEye-W4K-E7-N0

<b>System</b>		Face capacity	50,000
Operation system	Linux	Password capacity	50,000
Main Processor	Embedded Processor Hi3516 DV300	Event capacity	50,000
RAM	1G	Personnel group	128
ROM	4G	<b>Authentication</b>	
Network Protocol	IPv4, TCP, UDP	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	7-inch	Card reading speed	< 1 s
Screen Resolution	1024 x 600	Face recognition distance	0.3 to 2 m
Screen Type	Capacitive touch screen	Face recognition speed	< 0.2 s
Status indicator	Breathing lamp design Normal recognition: Blue light flashes 4 times; No permission: Green light flashes 4 times; Other conditions: White light always on	Face recognition accuracy	≥99.8%
<b>Video &amp; Audio</b>		<b>Function</b>	
Camera resolution	RGB + IR (2MP)	Language	Chinese, English, Thai
Camera FOV	D: 69.5° H: 61.6° V: 35°	Remote unlock	Support
Minimum FR illuminance	0 lux (without compensation light)	Anti-passback	Support (API Supported)
WDR	Backlight resistance	Face anti-spoofing	Support
Voice prompt	Support	Time synchronization	Support
<b>Interface</b>		Standby mode	Support (can change background display)
Network interface	1* 100M Ethernet port	Mask recognition	Support
RS-485	1	Web configuration	Support
Wiegand	1 in/ 1 out	<b>General</b>	
Lock output	1	Wi-Fi	Support
Exit button input	1	Power supply	DC 12V, 2A
Door contact input	1	Working temperature	-20 °C to 65 °C
Alarm input	2	Working humidity	0 to 90% (Non-condensing)
Alarm output	1	Working environment	Indoor and outdoor
Power	1	Dimensions	216 mm × 115 mm × 21 mm
TAMPER	1	Protective level	IP65
USB type C	1	Housing material	PC+ABS; Aluminum alloy frame
<b>Capacity</b>		Net weight	440g
Card capacity	50,000	Installation	Wall mount/ Pole mount/ Turnstile
		Certifications	CE

## Specification



Available accessories:

1. Turnstile bracket Model: MegACC-KZI1-240
2. Temperature module Model: MegAcc-MT-G7



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	Display screen	7-inch multi-touch display screen
5	Speaker	Plays audio prompts
6	Card tap area	Users tap their cards here
7	USB port	A Type C port for connection with USB drives
8	Indicator light	Indicates the access result and power status
9	Tamper prevention button	Prevents disassembly after installation
10	RS232 debugging port	Used for troubleshooting and upgrades
11	External cable connection	Used for connection to a power source
12	Reset button	Long-press to restore to factory default settings

## Contact



### Megvii Technology Limited

Phone: 400-6700-866  
 Website: [www.megvii.com](http://www.megvii.com)  
 Email: [business@megvii.com](mailto:business@megvii.com)  
 Address: 3rd Floor, Raycom Info Tech Tower A, No. 2  
 Kexueyuan South Road, Beijing

