

MegPass Face Recognition Access Control Terminal (5")

MegEye-W4K-I5-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. This is mainly applied in security access control systems, such as reception, attendance, etc.



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 Wiegand, 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



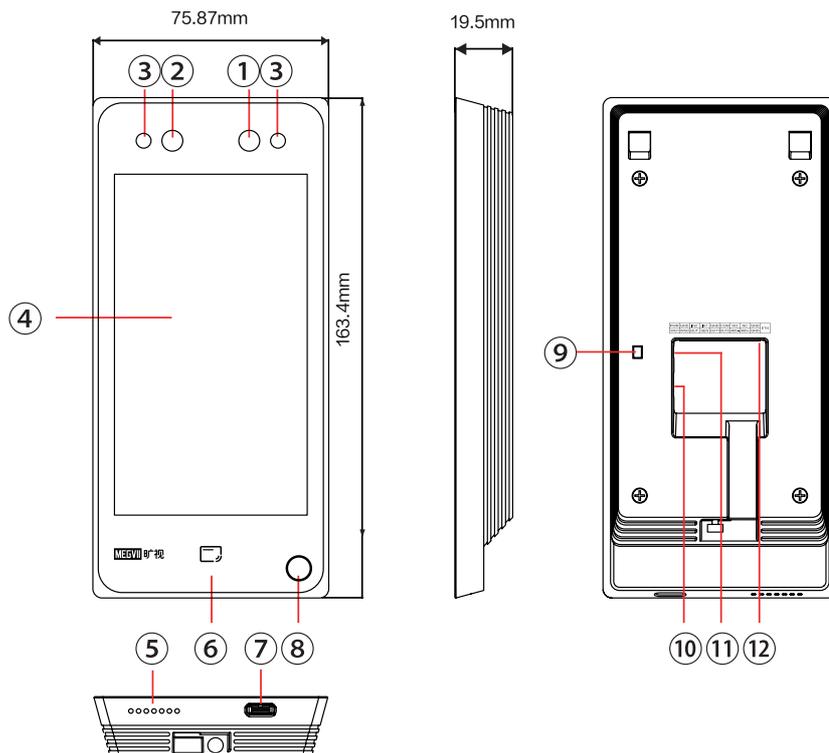
Factory

Specification

Model: MegEye-W4K-I51-N0

System		Face capacity	50,000
Operation system	Linux	Password capacity	50,000
Main Processor	Embedded Processor Hi3516 DV300	Event capacity	50,000
RAM	512MB	Personnel group	128
ROM	4G	Authentication	
Network Protocol	IPv4, TCP, UDP	Authentication method	Face/Card/Password/QR code, Face+Card, Face+Password
Open API	Support	Card type	Mifare card
Display		Card reading distance	0 to 2 cm
Screen Size	5-inch	Card reading speed	< 1 s
Screen Resolution	1024*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%
Video & Audio		Function	
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
Interface		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	General	
Lock output	1	Wi-Fi	Support
Exit button input	1	Power supply	DC 12V, 2A
Door contact input	1	Working temperature	-10°C ~ 55°C
Alarm input	2	Working humidity	0 to 90% (Non-condensing)
Alarm output	1	Working environment	Indoor
Power	1	Dimensions	163.4mm ×75.9mm × 19.5mm
TAMPER	1	Protective level	IP54
USB type C	1	Housing material	PC+ABS; Aluminum alloy frame
Capacity		Net weight	335g
Card capacity	50,000	Installation	Wall mount
		Certifications	CE

Specification



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	5-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	Reset button	Long-press to restore to factory default settings
12	External cable connection	Used for connection to a power source

Contact



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