

FE-500

FACE CONTROLLER



Face + Mask
Detection



Speed <1s
(50K 1:N mode)



Multi face verification
(up to 5 people)

FE-500 Specification

CPU	2 core CPU
Memory	4GB RAM, 8G Flash
LCD	5 inch IPS Touch screen
Camera	2MP dual-lens
No. of user Registration	50K user capacitor / 1,000K Event log
OS	Linux
Function	Face + Mask detection
Power	12V/2A(Max.24W)
Detection	Single/Multi (Up to 5 person)
Range	Max 3M
Live detection	Picture, Video, Mask can be detected
QR code	YES
Communication	TCP/ WIFI(Optional)
Speed	<1s(1:N, 50k)
RF card	MIFARE/EM/HID
Temperature	-10 - 50°C
Humidity	10% - 90%
Size	192mm×92mm×30mm

99.77%

Recognition Rate

99.77% recognition rate at 1% FAR
99.27% recognition rate at 0.1% FAR

2-3M

Recognition Distance

Long range detection

1 sec

Less than 1sec

(for 50K user for 1: N authentication)

Live

Photo detection
Video detection
Face + Mask detection

Multi

Possible to authenticate 3-5 people simultaneously within 1sec

AI

Through AI technology that enables continuous learning, the recognition rate is increased by reflecting recent changes in the user's face.