# FE-500L

## FACE CONTROLLER

Face + Mask Detection

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

Multi face verif ication (up to 5 people)

## FE-500L Specification

| | |
|---|---|
| CPU | 2 core CPU |
| Memory | 1GB RAM, 4G Flash |
| LCD | 5 inch Touch screen |
| Camera | 1MP dual-lens |
| No. of user Registration | 3K user capacitor / 100K Event log |
| OS | Linux |
| Function | Face + Mask detection |
| Power | 12V/2A(Max.24W) |
| Detection | Single/Multi (Up to 3 person) |
| Range | 2-3M |
| Live detection | Picture, Video can be detected |
| QR code | YES |
| Communication | TCP/ WIFI(Option) |
| Speed | <1s(1:N, 3k) |
| RF card | MIFARE |
| Temperature | -10 – 50℃ |
| Humidity | 10% - 90% |
| Size | 165mm×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
Thnough AI technology that enables continuous learning, the recognition rate is increased by reflecting recent changes in the user's face.