

MULTIMODAL ACCESS CONTROL



RA - 08"

► INTRODUCTION

This newly designed multimodal access control terminal with AI facial recognition meets the needs of post-pandemic world. Contactless biometric access control will be widely used and replace the traditional ones. Features like remote user enrollment, detection of users with and without masks, and anti spoofing detection are developed as state-of-the-art technology for today's security solution.

► FEATURES HIGHLIGHT

- Multi-modality : Face / Fingerprint / NFC&RFID Mifare (13.56 Mhz)
- Facial recognition accuracy 99.99%
- Supported from different lighting conditions support wearing mask
- Anti spoofing function
- Fingerprint Standard : ISO19794-2
- Open API
- Support multi-languages
- Platform & Stand Alone Configuration



Face
Recognition



Fingerprint



Card
Accepted



Mask
Detection



8.0" LCD

► TECHNICAL SPECIFICATIONS

► Hardware

| | |
|------------|--|
| Processor | 4 Cores, 1.8 GHz |
| OS | Android 7.1.2 |
| Storage | 2GB RAM, 8GB ROM |
| LCD Screen | 8 Inches, 800 x 1,280 Resolution, touch screen |

► Camera

| | |
|-----------------------|---|
| Dual Camera | 2MP (RGB Camera), 1.3MP (Infrared) Camera |
| Camera Type | Wide Dynamic Camera (Automatic) |
| Aperture/Focal Length | 4 m/0-2 m |
| White Balance | Automatic |

► Facial Recognition/Finger Print Performance/Card

| | |
|------------------------|---|
| Anti-Spoofing | Anti-Spoofing Detection Using Active Near-Infrared Videos |
| Face Capacity | 20,000 (1:1), (1:N) |
| Detection Speed | <1 Second |
| Recognize Distance | 0.5 ~ 4 meters |
| Fingerprint Capacity | 20,000 (1:1), (1:N) |
| Fingerprint Sensor | FAP10 Capacitive Sensor |
| Fingerprint Image/Size | 508DPI/256*360 pixel |
| FAR/FRR | 0.0001%/0.01% |
| Card Capacity | 30,000 |
| Log Event | 500K events, with Face > 20K (based on 1 photo/user) |

► General

| | |
|-----------------|----------------------------------|
| Operating range | Face recognition : -10°C-60°C |
| Humidity | 10%-90% |
| Power | 10W (Max), DC 12V |
| Dimensions | 133*25*275mm |
| Product weight | 1.5kg |
| Standard | IP 65 |
| Certification | CE |
| Accessories | Cover, Wall-mount, Desktop Stand |

► TECHNICAL SPECIFICATIONS

| ► Interface | |
|---------------|----------------------------------|
| Lighting | White LED fill light |
| LED | White LED, Red LED, Green LED |
| Power supply | DC 12V |
| Network | RJ45 10M/100M Ethernet port 2.4G |
| | Wi-Fi module |
| | 4G module (optional) |
| USB | USB 2.0 (Plug and Play) |
| Wiegand | Wiegand In 1, Wiegand Out 2 |
| Burn Firmware | For firmware upgrading usage |

► PRODUCT



► DIMENSION



