## ULtraFAce331
## Face Recognition Terminal

ULtraFAce331 series face recognition terminal adopts deep learning algorithm, which helps to recognize the face faster with higher accuracy. It also supports multiple authentication modes: face authentication, etc. When installed on the turnstile, it can be applied in multiple scenarios, such as buildings, enterprises, financial industries, and other important areas.

## Main Features

- 3.97-inch touch screen
- 2 MP wide-angle dual-lens
- Face anti-spoofing
- Face recognition distance: 0.3 m to 1.5 m
- Deep learning algorithm
- 300 face capacity, 1,500 card capacity (when connecting external card reader); 150,000 event capacity, and up to 20,000 captured pictures storage
- Face recognition duration $<$ 0.2 s/User; face recognition accuracy rate ≥ 99%
- Capture linkage and captured pictures storage
- Transmits card and user data from or to the client software via TCP/IP protocol and saves the data on the client software
- Imports pictures from the USB flash drive to the device or export pictures, events, from the device to the USB flash drive
- Stand-alone operation
- Manage, search and set device data after logging in the device locally
- Connects to one external card reader via RS-485 protocol
- Connects to secure door control unit via RS-485 protocol to avoid the door opening when the terminal is destroyed

# Pentagon Engineers

- Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out
- Supports multiple languages: English, Spanish, Arabic, Thai, Indonesian, and Russian
- Supports EHome 5.0 (ISUP 5.0), and ISAPI protocol
- Configuration via web browser

\* *Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes*

## Specifications

| Model | ULtraFAce331 | ULtraFAce331W |
|---|---|---|
| Operating system | Linux | |
| Screen | 3.97-inch touch screen | |
| Card capacity (when connecting external card reader) | 1,500 | |
| Event capacity | 150,000 | |
| Face capacity | 300 | |
| Face recognition distance | 0.3 m to 1.5 m | |
| Face recognition duration | $< 0.2$ s | |
| Network interface | 10/100 Mbps, self-adaptive | |
| Camera | 2 MP dual-lens camera with wide dynamic range | |
| Communication | TCP/IP | TCP/IP, Wi-Fi |
| Interface | USB × 1, electric lock × 1, door contact × 1, tamper × 1, exit button × 1, RS-485 × 1 | |
| Power supply | 12 V, 1.5 A, 18 W | |
| Working humidity | 10 to 90% (no condensing) | |
| Working temperature | -10 °C to +50 °C (14 °F to +122 °F) | |
| Application environment | Indoor use | |
| Dimension (W × H × D) | 120 mm × 110 mm × 23 mm (4.7" × 4.3" × 0.9") | |

\* *Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).*

**Dimensions**