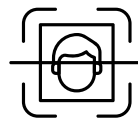


Q-FCBTA01

3 Years Warranty

## AI DYNAMIC TIME ATTENDANCE



Face Recognition



Mifare+Desfire+EV3 Card Reader



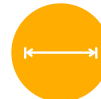
Fingerprint Recognition



Web Based Cloud software



5000 Face Capacity



0.5-2 Centimeter Recognition Distance



Live Face Detection



4.3 Inch Touch Screen



Access Control



RFID Support



Multi Language



Touchscreen

### PRODUCT DESCRIPTION

The Q-FCBTA01 is a high-performance biometric access control device with a 4.3-inch touch screen, dynamic dual-camera anti-counterfeiting, and multi-modal verification, including face recognition, fingerprint, password, and optional ID cards. It supports TCP/IP, USB, WiFi connectivity, and features mask detection and WDR technology for accurate recognition in various lighting conditions. With a storage capacity of 10,000 fingerprints, 5,000 faces, and 500,000 logs, it ensures efficient operation, even in challenging environments. Designed for global use, it supports 20 languages, operates in 0-45°C, and offers an optional backup battery for uninterrupted performance.

### PRODUCT ADVANTAGES

**Enhanced Security:** Multi-modal verification with anti-spoofing technology.

**Fast & Accurate:** Recognition speed  $\leq 0.2s$ ; accuracy 99.70%.

**Versatile Connectivity:** Supports TCP/IP, USB, and WiFi.

**Environmental Adaptability:** Operates in diverse conditions with LED soft light.

**User-Friendly:** Touchscreen interface with multi-language support

## Q-FCBTA01

 3 Years Warranty

### TECHNICAL SPECIFICATIONS

| Product Parameter           | Description Parameter  |
|-----------------------------|--|
| Model                       | Q-FCBTA01  |
| Screen                      | 4.3 Inch Touch Screen  |
| Keypad                      | Touchscreen  |
| Operation System            | LINUX 3.10   |
| CPU, NPU                    | CPU 800M single-core ARM Cortex-A7 , NPU 800G (0.8T) Hashrate  |
| RAM                         | 256M DDR3L   |
| ROM                         | 4G EMMC  |
| Camera                      | 2MP color camera + 2MP infrared camera   |
| Live Detection              | Dynamic dual-camera anti-counterfeiting to prevent all kinds of black-and-white, color photos and videos from deception                                    |
| Logs Capacity               | 500,000  |
| Verification Methods        | Face recognition, Fingerprint, Password, Mifare+Desfire+EV3 Card   |
| Face Capacity               | 5,000  |
| Fingerprint Capacity        | 10,000   |
| Card Capacity               | 5,000  |
| Password Capacity           | 5,000  |
| Face Recognition Accuracy   | 99.70%   |
| Recognition Speed           | ≤0.2s  |
| Recognition Distance        | 0.5–2cm (with live face recognition on)  |
| Principle of Identification | Face algorithm technology of multi-task cascaded convolutional neural network based on video stream for dynamic face detection, tracking, and recognition. |
| WDR                         | Wide dynamic range, supports accurate face recognition under strong light, dark light, and backlight.  |

## Q-FCBTA01

 **3 Years Warranty**

### TECHNICAL SPECIFICATIONS

| Product Parameter           | Description Parameter   |
|-----------------------------|---|
| USB                         | USB 2.0 x 1, supports U disk import/export data.  |
| Power Supply                | DC 12V 1A.  |
| Built-in Battery (Optional) | 7.4V, 2000mA.   |
| Network Communication       | TCP/IP, USB, WiFi.  |
| Free Attendance Software    | Local software and web-based cloud software.  |
| Mask Detection              | Supports mask detection and face recognition with a mask on.  |
| Access Control Interface    | <ul style="list-style-type: none"> <li>• Lock output</li> <li>• Doorbell output/external ring</li> <li>• Wiegand input/output</li> </ul>  |
| Environmental Adaptability  | <ul style="list-style-type: none"> <li>• Working temperature: 0~45°C</li> <li>• Working humidity: 20%~90%</li> <li>• Dark environment: LED soft light automatic fill light (automatic control according to ambient light).</li> </ul> |
| Multi-language Support      | Supports 20 national languages and voices, including English, Spanish, Arabic, Thai, Farsi, Portuguese, French, Italian, Japanese, Korean, etc.   |
| Country of Origin           | Malaysia  |
| Certifications              | CE  |
| Warranty                    | 3 Years   |