

## 3Core FID 7906 Facial Recognition Reader

### Intelligent, Secure, and Effortless Access Control

- **Advanced AI Facial Recognition**

Fully self-developed algorithm with 3D structured light detection, delivering exceptional anti-spoofing performance.

- **Rapid & Dynamic Identification**

Automatic capture and identification in less than 1 second.

- **Multi-Mode Authentication**

Supports face, password (via touch keypad), and RFID card (NFC).

- **Efficient User Management**

Comprehensive system supporting up to 1,000 users with one-click batch enrollment.

- **Wireless Connectivity**

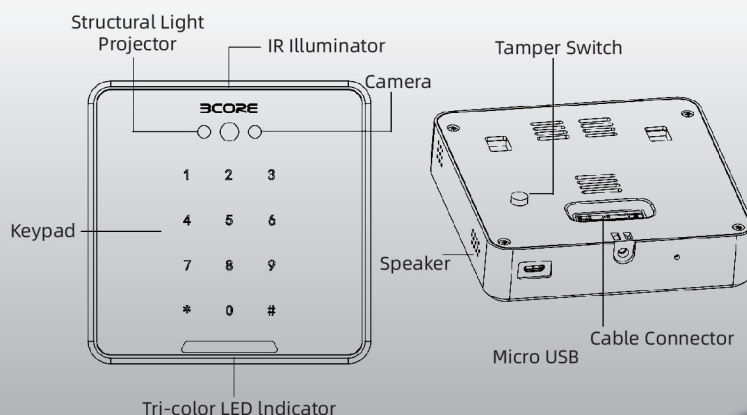
Wi-Fi and Bluetooth 5.0 support for flexible, cable-free installation and operation (Bluetooth for bridge network only).

- **Adaptive Performance**

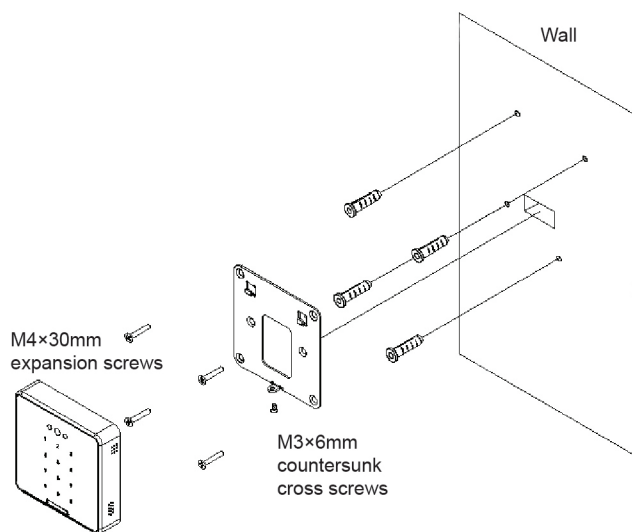
Maintains normal and stable operation even in low-light conditions with no auxiliary light source.

- **High Cost-Effectiveness**

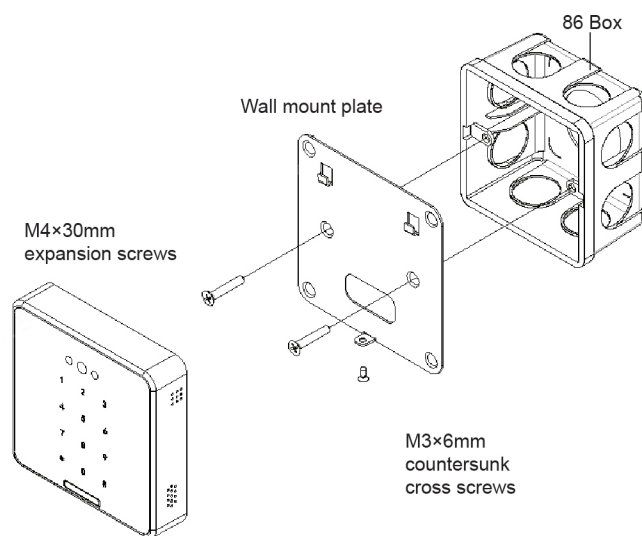
Ideal for smart offices, schools, hospitals, and SMEs seeking a robust entry-level access solution.



## Wall Mount



## 86 Box Installation



## Product Overview

The FID 7906 is a sleek, contactless facial recognition terminal designed for modern access control. It Supports face, password (via touch keypad), and RFID card. Capable of storing **1,000 user profiles** and **100,000 event logs**, it offers both reliability and scalability.

With built-in Wi-Fi, the device eliminates wired network dependencies. Its embedded web console allows for zero-installation configuration and user management. The minimalist, screen-free design complements any decor, while the scratch-resistant glass housing guarantees durability under frequent use.

**Designed for seamless integration and superior performance**, the 3Core FID 7906 combines cutting-edge technology with user-friendly operation, making it the perfect choice for modern access control needs.

## Technical Specifications

Category	Detail
CPU / MCU	900MHz / 600MHz
Compute Power	0.5 TOPS
Memory	128MB DDR + 128Mb NOR Flash + 2Gb NAND Flash
Wireless	Wi-Fi 2.4GHz (802.11 a/b/g/n), Bluetooth 5.0 (Bridge WLAN only)
Face Capacity	1,000
Recognition Time	< 1 second
Liveness Detection	LPFRR $\leq$ 1% @ LDAFAR $\leq$ 0.1% (Structured Light)
FAR / FRR	FRR $\leq$ 1% @ FAR $\leq$ 0.1%
Detection Range	0.3 – 1.2m
Accessory Tolerance	Glasses, hats, earrings, beard, makeup
Other Access Method	1000 RFID Card (ISO 14443A CSN/Mifare Desfire), Pin Code
OTA Updates	Supported
I/O Interfaces	Relay, 12V power, Wiegand output
Controls	Tamper-proof button, touch keypad, reset button
Indicator	Tri-color LED + speaker
Dimensions	100mm × 100mm × 23mm
Operating Voltage	12V DC
Operating Temp	-10°C to +50°C, $\leq$ 95% RH
ESD Protection	Air: 6kV, Contact: 4kV
Mounting Height	Recommended: 1.5m

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