

BS-F18

Product Description

BS-F18 is an innovative biometric fingerprint reader for **access control** applications, offering unparalleled performance using an advanced algorithm for reliability, precision and excellent matching speed. The BS18 features the fastest commercial-based fingerprint matching algorithm and BS high-performance, high-image quality optical fingerprint sensor. The device offers the flexibility to be installed standalone or with any third party panel that supports **26-bit Wiegand**. All the operation can be done on the TFT-LCD. The fingerprint image will display on the screen . That will guide the user to put the finger on to proper position and increase the recognition rate.**TCP/IP and RS485** are available that the device can be used in different network.



Features:

- .Fingerprint reader with durable and highly accurate optical sensor
- .1 touch a-second user recognition
- .Stores **3,000** fingerprint templates, and **50,000** transactions
- .Support **English/Spanish/French/Russian/Portuguese etc.**
- .Reads Fingerprint and/or Card(RFID or Mifare Optional)
- .Optional integrated smart card reader
- .Built-in **Serial** and **Ethernet** ports
- .**Tamper-proofs switch and alarm outputs**
- .Request-to-exit and alarm contacts
- .Audio-Visual indications for acceptance and rejection of valid/invalid fingers

Specifications:

Display/Speaker	Language
Colorful TFT Vivid Display	English and other language
Speaker: Voice Prompt	English and other language
Technical Specifications Capacity	Environment
Fingerprint capacity:1500	Operation temperature: 0 ℃ ~ 45 ℃
Log capacity: 30,000	Operation humidity: 20% ~ 80%
Verification/Identification	Verification/Identification
Verification speed(1:1): ≤1s	FRR: ≤0.1%

Identification speed(1:N): $\leq 2s$	FAR: $\leq 0.0001\%$
Power Supply	Machine Size
Power: 12V DC 3A	185(L)*85(W)*37(H)mm
Communication	Access status
TCP/IP, RS232/485, Wiegand out and Wiegand in	Check in, Check out, OT in, OT out

Wiring Diagram

