



The image shows a black, vertical fingerprint terminal with a red stripe on the left side. It has a small LCD screen at the top displaying 'Welcome', '14:45', and '13-02-13 WED'. Below the screen is a numeric keypad with buttons for 1-9, 0, and function keys like ESC, OK, and MENU. There is also a circular button with a bell icon. At the bottom is a fingerprint sensor. The brand name 'eSSL' and the tagline 'Security at Fingertips' are visible at the bottom of the device.

TF 1700

➔ Standalone - Fingerprint Time Attendance and Access Control Terminal - IP 65

Users : 2200 Fingerprints
Transaction : 50,000 Logs
CPU : 400 MHz
Memory : 128 MB Flash + 32 MB RAM
Sensor : 500 DPI Optical Sensor
Communication : RS485 , TCP/IP , USB-host
Identification Speed : ≤ 1 sec
FAR : $\leq 0.0001\%$
FRR : $\leq 1\%$
Authentication : Finger / Pin / Cards
Wiegand Ports : Input & Output
Operating Temperature : $0^{\circ}\text{C} - 45^{\circ}\text{C}$
Operating Humidity : 20% - 80%
Display : 128 x 64 OLED with White Color
Power : 12V DC , 1.5 A
Dimension (WxHxD) : 90 x 190 x 39.5 mm
Ingress Protection Rate : **IP 65**

Features:

Rugged structure for outdoor installation and extra durability

- * **IP65** rated waterproof and weatherproof structure
- * One of the world's smallest fingerprint terminals
- * Sleek and slim design for narrow spaces

Fast and accurate fingerprint algorithm

- * 1:2200 fingerprint identification in 1 second

Full access control features

- * Access control interface : EM lock, door sensor , exit button , alarm
- * Anti-passback setting

Easy operation and management

- * Works without computer
- * Buzzer , 3x5 keypads and doorbell
- * Built-in keypad and RF card reader for multi-modal authentication (Fingerprint/ PIN/ Card)



➔ F18 - Standalone TFT Fingerprint Access Control Reader

F18

Users : 3000 Fingerprints

Transactions : 1,00,000 Logs

Sensor : 500 DPI Optical Sensor

CPU : 32 bit High End Microprocessor

Communication : RS485 , TCP/IP , USB-Host

Wiegand Signal : Input / Output

Identification Speed : ≤ 2 sec

FAR : $\leq 0.0001\%$

FRR : $\leq 1\%$

Operating Temperature : $0^{\circ}\text{C} - 45^{\circ}\text{C}$

Operating Humidity : 20% - 80%

Optional Function : Mifare Card

Power : 12V DC , 400mA

Display : TFT LCD Display

Dimension (L x W x D) : 183 x 80 x 42 mm

Features:

- ▶ Three different kinds of interface style , including common, matrix and magic styles
- ▶ Sleek and Compact design for narrow spaces
- ▶ Reliable, durable and highly accurate infrared detection fingerprint sensor
- ▶ Reads fingerprint and RFID cards
- ▶ Built-in Serial and Ethernet ports
- ▶ Built-in Wiegand input/output port for connection to third party access control panels
- ▶ Audio-Visual indication for acceptance and rejection of valid / invalid fingers
- ▶ Tamper switch and alarm contacts