

## ESP-18



### Fingerprint Standalone Access Control

#### Product Features

ESP18 is an innovative biometric fingerprint reader for access control application, offering unparalleled performance by using an advanced algorithm for reliability, precision and excellent matching speed. The ESP-18 features the fastest commercial-based fingerprint matching algorithm and high-performance, high-image quality infrared detection fingerprint sensor. The device offers flexibility to be installed standalone or with any third party access control panels that support standard Wiegand signal. All the operation can be done on the TFT-LCD color screen. The fingerprint image will be displayed on it. That will guide user to put finger on proper position and increase recognition rate. TCP/IP and RS485 are available that the device can be used in different network.

#### Features

Fingerprint Capacity	1500 templates
Card Capacity	5000
Transaction Capacity	30,000 Transactions
Sensor	Infrared Detection Fingerprint Sensor
Algorithm Version	Finger 10.0
Communication	RS232/485, TCP/IP, USB-host
Access Control Interface	3 <sup>rd</sup> Party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell
Wiegand Signal	Input and Output
Display	TFT LCD Color Screen
Interface Styles	Common, Matrix and Magic styles
Standard Function	Webserver, DLST, Anti-passback
Power Consumption	12V DC, 3A
Temperature	0°C ~ 45°C
Humidity	20% ~ 80%
Dimension	80*183*42mm