VandalVeto®

THE ADVANCED MULTIBIOMETRIC & RFID SOLUTIONS

VVF18

Product Description

VVF18 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 VVF18 features the fastest commercial-based fingerprint matching algorithm and VV 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.

Standard function

AC, T&A, EXT SIREN, ZEM 510, USB HOST, 3", FIRM EST, W-IN, W-OUT, ETHERNET, RS-232 RS-485, SDK, ALARM, BELL, .WAV, PUSH EXIT, DOOR LOCK

Optional function

EM RFID, MF RFID, HID RFID

Features

- Fingerprint reader with durable and highly accurate VV optical sensor
- 1 touch a-second user recognition
- Stores 1,500 templates, 5,000 cards and 30,000 transactions
- Reads Fingerprint and/or Card
- 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

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Specifications

Capacity

Fingerprint Capacity	1.500 Templates
Card Capacity	5.000
Transaction Capacity	30.000

Hardware

Platform	ZEM510
Sensor	VV Optical Sensor
Access Control Interface	Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

Display

Display	TFT LCD Screen

Environment

Oper. Temp	0°-45°C
Oper. Humidity	20%-80%

Power

Power	12V, DC 3A

Communication

Comm. Port	TCP/IP, RS232-485, USB Host
Wiegand	Input & Output
Webserver	Ver. 3.0

Fingerprint Algorithm

Type	VV Finger v10.0
Identification	<= 2 seconds
Verification	< 1second
FRR	< 1%
FAR	<= 0.0001%

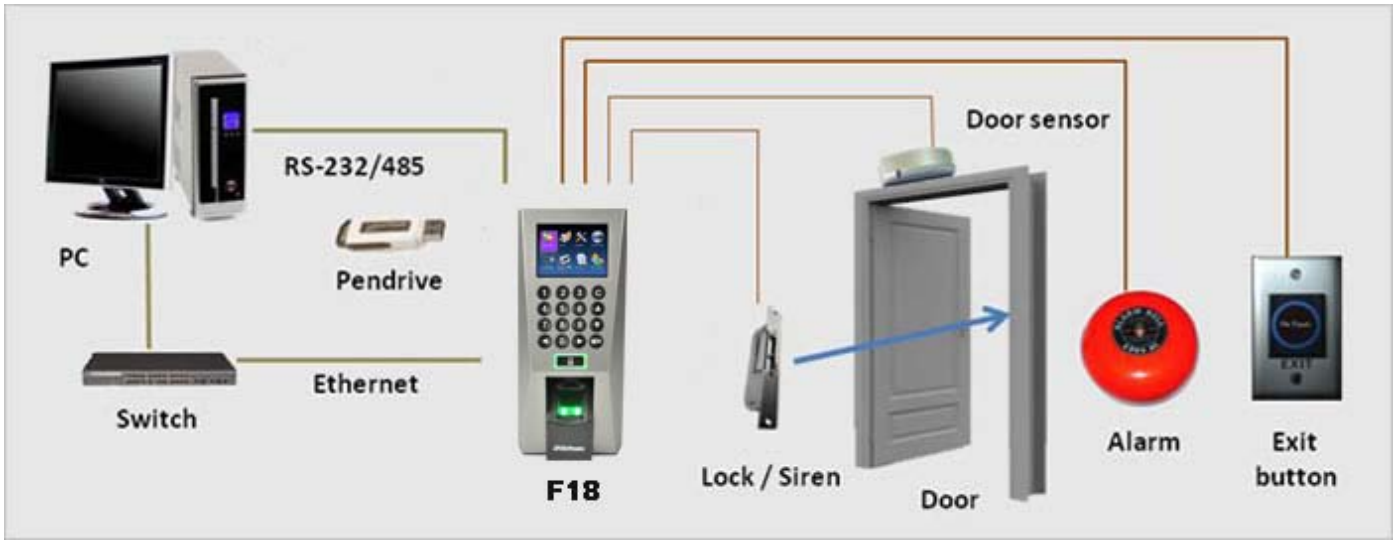
Dimensions

Dimensions	180x76x44mm (L x W x D)
Weight	0.26kg

Firmware

O.S	Linux
Applications	TAC
SDK	Standard SDK

Connectivity diagram



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