ZKTeco®

F16

IP65 Rated Outdoor Fingerprint Access Control Terminal

F16 is a fingerprint access control terminal with an integrated proximity reader (EM). IP65 rated waterproof enclosure permits this reader to be used for outdoor applications. It could install easily on your network having both Ethernet and RS485 serial ports. Weigand-OUT port allows connection of reader to ZK or any 3rd party access control panel. Using Weigand-IN port you connect to any card reader for authentication at both entrance and exit.

PULL firmware and ZKAccess3.5 management software as standard configuration make F16 more versatile and powerful. Users can be registered on the device by the Management Card or through connecting with ZKAccess3.5 software by TCP/IP.

Features

▸ Rugged structure for outdoor installation and extra durability
* IP65 rated waterproof and dustproof structure

▸ Slim and elegant design
* One of the world's smallest fingerprint terminals
* Sleek and slim design for narrow spaces

▸ Fast and accurate fingerprint algorithm
* Fingerprint identification in 1 second
* Stores 3,000 fingerprint templates, 30,000 cards and 100,000 transactions

▸ Easy installation and connectivity
* Wiegand input & output
* Network interface by TCP/IP or RS485

▸ Full access control features
* Anti-passback
* Access control interface for 3rd party electric lock, door sensor, exit button, alarm

▸ For Software Developers
* Free PULL SDK and development tools are available for developers/partners

Specifications:

Fingerprint Sensor	ZK Optical Sensor
Algorithm Version	ZKFinger V10.0
Communication	TCP/IP, RS485
Fingerprint Capacity	3,000 Fingerprints
Card Capacity	30,000 Cards
Log Capacity	100,000 Transactions
RF Card	EM(standard)/Mifare(optional)
Authentication	Finger/Card
Wiegand Signal	Wiegand input&output
Ingress Protection Rate	IP65
Operating Voltage	12VDC 3A
Operating Temperature	0℃~ 45℃ (32°F ~ 113°F)
Size	62.5mm × 185mm × 41.5mm (W × H × D)

Optional Accessories:

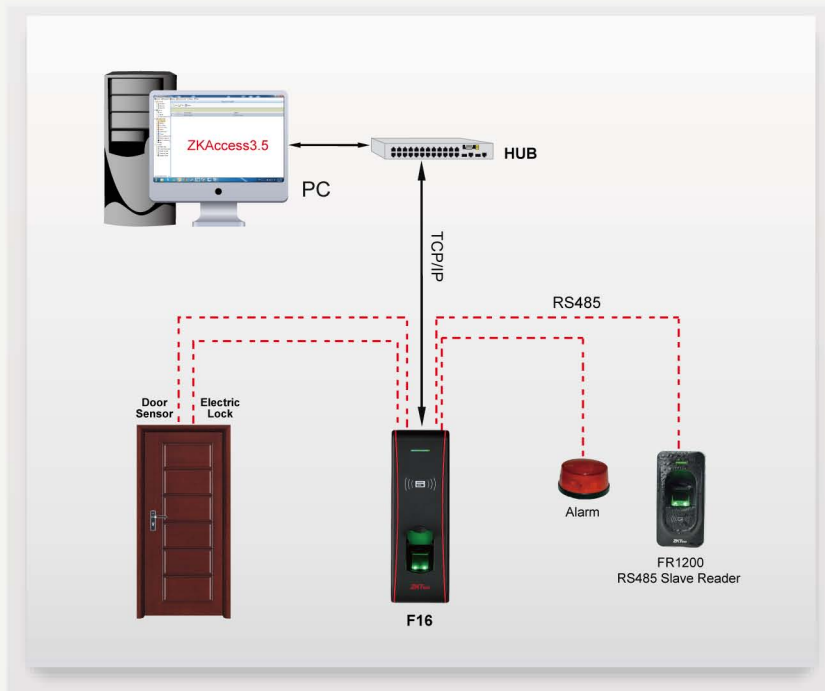| FR1200	RFID Reader	Exit Button	Electric Lock	Alarm	Door Sensor

Configuration:

ZKAccess3.5

PC

HUB

TCP/IP

RS485

Door Sensor Electric Lock

Alarm

F16

FR1200
RS485 Slave Reader

Application:

Networked Security:
School

Networked Security:
Building

Access Control:
Shop

Access Control:
House

Time Attendance:
Factory

Time Attendance:
Office