



F19

Fingerprint Access Control Terminal



Fingerprint
Recognition



2.4G Wi-Fi



RFID



Communication
network cable

Compatible with

 **ZKBio Access IVS**



F19 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 F19 features the fastest commercial-based fingerprint matching algorithm and ZK 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.

F19 standard with AC push Firmware connect to ZKBioAccess, optional standalone Firmware, and also optional TA push Firmware connect to ZKBiotime.

Features



TFT-LCD color screen

- Audio-visual indication for acceptance and rejection of valid/invalid fingerprints
- More simple and convenient operation



Slim and elegant design

- Streamlined and slim design for narrow spaces



New Platform

- ZMM210 hardware with 1.2GHz CPU further speeds up processing time



Easy installation and connectivity

- Wiegand input & output
- Network interface by TCP/IP or RS485



Full access control features

- Webserver
- Anti-passback
- Access control interface for 3rd party electric lock, door sensor, exit button, alarm



New Firmware

- Adopts new firmware which optimizes various functions and supports flexible user
- Standard AC push
- Optional TA push

Specifications

Display	2.4-inch TFT LCD Color Screen
Fingerprint Capacity	3000
Card Capacity	5000(Optional) ID/IC/HID Prox/HID iclass card, Max. 1,000,000
Transaction Capacity	100,000
Sensor	ZK Optical Sensor
Algorithm Version	ZK Finger V10.0
Communication	RS232/485, TCP/IP, USB-host
Access Control Interface	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell
Wiegand Signal	Input, Output, SRB
Functions	DST, Record Query, Anti-passback, External RS485 fingerprint reader, Printer(Optional), WIFI(Optional), https(Optional)
Power Supply	12V DC, 3A
Operating Temperature	0 °C - 45 °C
Operating Humidity	20%-80%
SDK and Software	AC push, ZKBioAccess IVS / TA push, ZKBioTime8.0
Dimension(WxDxH)	81.2×195.7×42.1mm

Optional Accessories



FR1200



RFID Reader



Exit Button



Electric Lock

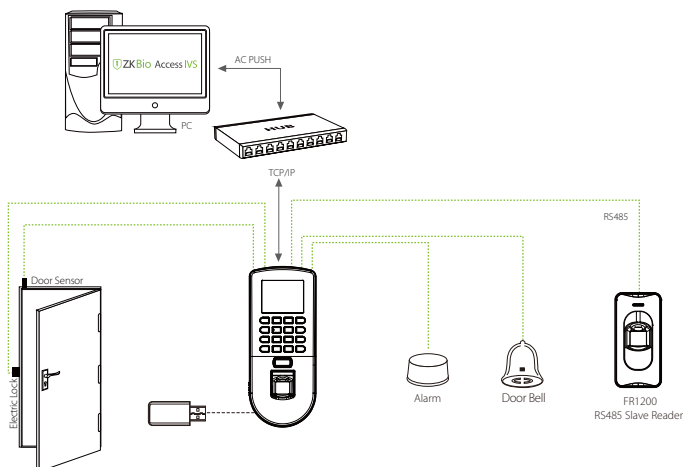


Alarm

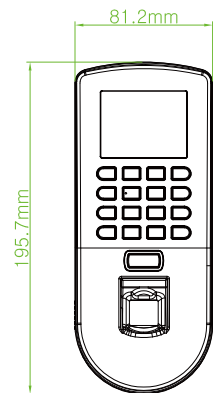


Sensor

Configuration



Dimensions (mm)



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