F19
Fingerprint Standalone Access Control

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 operations 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.

### TFT 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

### Fast and Accurate Fingerprint Algorithm
- 1 touch a-second user recognition
- Store 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
- Webserver
- Anti-passback
- Access control interface for 3rd party electric lock, door sensor, exit button, alarm and doorbell

### Easy Operation and Management
- Work with computer
- Buzzer, 4×4 keypads and doorbell
- Built-in serial and Ethernet ports
- Built-in USB port allows for manual data transfer
## Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fingerprint Capacity</td>
<td>3000 Templates</td>
</tr>
<tr>
<td>Transaction Capacity</td>
<td>30,000 Transactions</td>
</tr>
<tr>
<td>Sensor</td>
<td>ZK Optical Sensor</td>
</tr>
<tr>
<td>Algorithm Version</td>
<td>ZK Finger V9.0 &amp; 10.0</td>
</tr>
<tr>
<td>Communication</td>
<td>RS232/485, TCP/IP, USB-host</td>
</tr>
<tr>
<td>Access Control Interface</td>
<td>3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell</td>
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<tr>
<td>Wiegand Signal</td>
<td>Input and Output</td>
</tr>
<tr>
<td>Display</td>
<td>TFT LCD Color Screen</td>
</tr>
<tr>
<td>Interface Styles</td>
<td>Common, Matrix and Magic styles</td>
</tr>
<tr>
<td>Standard Function</td>
<td>Webserver, Anti-passback</td>
</tr>
<tr>
<td>Optional Function</td>
<td>ID Card, Mifare Card</td>
</tr>
<tr>
<td>Power Supply</td>
<td>12V DC, 3A</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>0 °C - 45 °C</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>20%-80%</td>
</tr>
<tr>
<td>Dimension (WxDxH)</td>
<td>87 x 195 x 42.5 mm</td>
</tr>
</tbody>
</table>

## Optional Accessories

- FR1200
- RFID Reader
- Exit Button
- Electric Lock
- Alarm
- Sensor

## Configuration

- ZKAccess3.5
- FR1200 RS485 Slave Reader
- USB Key
- Door Bell

## Dimensions (mm)

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