FEATURES:

- Industrial grade design, with stable performance and smooth lines
- 8-inch IPS LCD touch screen
- Recognition speed less than 1s
- Standard with 100-thousand database
- Anti-Backlight
- Living body detection
- Applicable to quick screening of forehead temperature which is stable, quick and reliable
- Wi-Fi

ORDER INFORMATION:

Model: AY-FT385W

AY-FT385W is the face recognition product with high performance and high reliability, which depends on the deep learning algorithm, also supports non-contact infrared temperature measurement (forehead), as the measurement is stable and highly accurate.

SPECIFICATION:

<table>
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<tr>
<th>DISPLAY</th>
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<tbody>
<tr>
<td>Display</td>
<td>8-inch IPS all-sight LCD touch screen</td>
</tr>
<tr>
<td>Resolution</td>
<td>800 * 1280</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RGB CAMERA</th>
<th></th>
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<tbody>
<tr>
<td>CMOS</td>
<td>1/2.7&quot; progressive scan CMOS</td>
</tr>
<tr>
<td>Resolution</td>
<td>1932 * 1092</td>
</tr>
<tr>
<td>FOV</td>
<td>74.38°</td>
</tr>
<tr>
<td>Shutter type</td>
<td>Electronic rolling shutter</td>
</tr>
<tr>
<td>3A function</td>
<td>AEC/Gain/White balance</td>
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<tr>
<th>System Parameter</th>
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<tr>
<td>Operating System</td>
<td>Linux</td>
</tr>
<tr>
<td>CPU</td>
<td>Dual-core ARM Cortex-A7@ 900MHz</td>
</tr>
<tr>
<td>Storage</td>
<td>1G RAM, 8GM ROM</td>
</tr>
</tbody>
</table>

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### CAMERA
- **CMOS**: 1/2.7” progressive scan CMOS
- **Resolution**: 1932 * 1092
- **FOV**: 67.57°
- **Shutter type**: Electronic rolling shutter
- **3A function**: AEC/Gain/White balance

### INTERFACES
- **Serial Communication Interface**: 1-way RS-232
- **Relay Output**: 1-way (DOOR_NO, DOOR_COM, DOOR_NC)
- **Network interface**: Ethernet port (RJ45, 100M)
- **Reset interface**: Reset button
- **Card reader module**: 1 compatible 1443 protocol type A/B card
- **USB Interface**: Type-A
- **Wiegand Output**: Wiegand 26/34
- **Wi-Fi**: Wireless standard: IEEE 802.11b/g/n

### Function
- **Face detection**: Detect and track 5 people meanwhile
- **Accuracy**: 99.99% (99.77% recognition rate under 1% false accept rate; 99.27% recognition rate under 0.1% false accept rate)
- **Living body detection**: Support
- **Capacity**: 100-thousand pieces of face images
- **Stranger detection**: Support
- **Measurement Distance**: 25 ~ 50cm, optimal distance is around 35 cm
- **Recognition Mode**: Face and mask detection (Face + Temp-measurement)
- **Measurement Range**: 34~42°C
- **Accuracy**: ±0.2°C
- **Recognition Distance configuration**: Supports
- **Deployment**: Public Network, LAN
- **Remote Update**: Support

### GENERAL PARAMETERS
- **POWER**: DC 12V/2A
- **Working temperature**: -10 ℃~35 ℃
- **Working Humidity**: 10%~90%
- **Power consumption**: Max. 15W
- **Operating Environment**: Indoor, avoid heat radiation disturbance

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**DIMENSION:**

- 133±0.2 mm * 272.5±0.2 mm * 87.65±0.6 mm