AY-UF385 is the face recognition product with high performance and high reliability, which depends on the deep learning algorithm, also having the characteristics of quick recognition speed and high accuracy. This product supports 1:1 and 1:N mode, as well as external card reader and ID card reader access.

FEATURES:-

✓ Industrial grade design, with stable performance and smooth lines
✓ 8-inch IPS all-sight LCD touch screen
✓ Recognition speed less than 1s
✓ 50-thousand level face database (Max. 100-thousand face database)
✓ Anti-backlight
✓ Living body detection
✓ Embedded card reader, external ID card reader access
✓ Wi-Fi

ORDER INFORMATION :-

Model : AY-UF385

SPECIFICATION:-

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

<table>
<thead>
<tr>
<th>RGB CAMERA</th>
<th>1/2.7” progressive scan CMOS</th>
</tr>
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<tbody>
<tr>
<td>Resolution</td>
<td>1932 * 1092</td>
</tr>
<tr>
<td>FOV</td>
<td>95.8°</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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<table>
<thead>
<tr>
<th>System Parameter</th>
<th>Linux</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Dual-core 1.0T HashRate</td>
</tr>
<tr>
<td>Storage</td>
<td>512M RAM, 8GM ROM</td>
</tr>
</tbody>
</table>

Model : AY-UF385

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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 opening signal output
- **Network interface**: 1-way 100M Ethernet
- **Reset interface**: 1 Reset button
- **Card reader module**: 1 compatible 1443 protocol type A/B card
- **USB Interface**: 1-way Type-A
- **Wiegand Output**: 1-way Wiegand 26/34
- **Wireless network**: Wi-Fi

### 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**: 50000 (Max. 100000) pieces of face images
- **Stranger detection**: Support
- **Recognition distance configuration**: Support
- **UI Interface configuration**: Support
- **Remote update**: Support
- **Deployment**: Public Network, LAN

### GENERAL PARAMETERS

- **POWER**: DC 12V/2A
- **Working temperature**: -10 ~ 50
- **Working Humidity**: 10%~90%
- **Power consumption**: Max. 24W
- **Dimension (Without support)**: 297.70 mm * 126.00 mm * 79.50 mm
- **Protection grade**: IP66