



## 302

"The facial recognize system, 302, is the most advance product made by Avalon systems, combined such as newest facial and fingerprint recognition algorithm, optical sensors, embedded design technology, and software application, etc.. 302 is a multi-biometric identification system, with intelligent appliance, deserve leading the market

### *Features*

- Color TFT screen with GUI Interface for ease of use
- Embedded LINUX system, easy to integrate into various system
- Standalone or network environment
- 4.3" color screen with more compatible usage
- 24 hours continuous operation available
- Saves data during power outage
- Built-in battery backup provides approx 4 hours continuous operation
- Simple access control system support real-time entrance logs transferring
- Audio-Visual indications for acceptance and rejection of valid/invalid fingers
- SDK available for OEM customers and software developers

## Specifications

<b>Display/Speaker</b>	<b>Language</b>
LCD Display: 4.3" TFT high-definition graphical interface	Multi Language, English, French, Spanish, Arabic,
Speaker: Voice Prompt (language can be selected)	etc., for more than 40 languages can be selected
<b>Technical Specifications Capacity</b>	<b>Environment</b>
Face capacity: 700 Fingerprint capacity: 3,000 ID Card Capacity : 10,000	Operation temperature: 0℃ ~ 45℃
Log capacity: 100,000	Operation humidity: 20% ~ 80%
<b>Verification/Identification</b>	<b>Verification/Identification</b>
Verification speed(1:1): ≤0.5s	FRR: ≤0.01%
Identification speed(1:N): ≤1s	FAR: ≤0.0001%
<b>Power Supply</b>	<b>Machine Size</b>
Power: 110/220VAC ~ 12VDC	180(L)*125(W)*50(H)mm
<b>Communication</b>	<b>Attendance status</b>
TCP/IP, RS232/485, USB Host*2, Wiegand out	Check in, Check out, Break in, Break out, OT in, OT out
<b>Standand Function</b>	<b>Customize Function</b>
High definition infrared camera; 6 user-defines function keys; Built-in relay, simple asccess control, door sensor; Dismantlement alarm, break-in alarm, duress alarm; Scheduled bell, Workcode, SMS, T9 input, DST, Self inquiry, Photo-ID, Extendable scheduled bell.	Webserver, Li-battery, 14-pin code, Printer output; ID reader, Mifare reader, Wifi, GPRS

## Diagram

### Standalone



### NETWORK

