

AY-UF355

Falco Face Reader

AY-UF355 is the face recognition product with high performance and high reliability, which depends on the deep learning algorithm, also having the characteristic of quick recognition speed and high accuracy. This product supports 1:1 and 1:N mode, is embedded with card reader, as well as embedded card reader and external ID card reader access.

Feature:

- Industrial grade design, with stable performance and smooth lines
- 5-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

Specification:

DISPLAY

Display: 5-inch IPS all-sight LCD touch screen

Resolution: 480 * 854

RGB 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

SYSTEM PARAMETER

Operating System: Linux

CPU: Dual-core1.0T HashRate

Storage: 512M RAM, 8GM ROM

INFRARED 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-22

Relay Output: 1-way opening signal output

Network interface: 1-way 100M Ethernet

Reset interface: Reset button

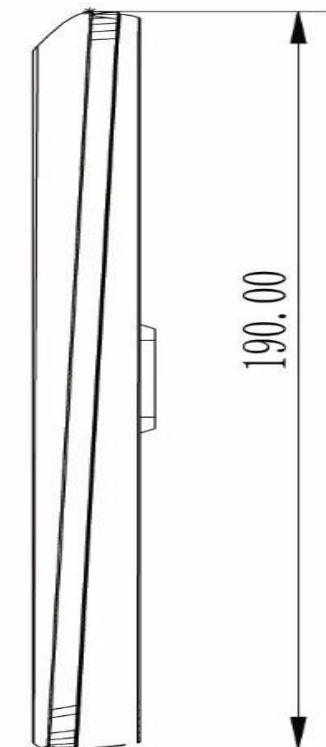
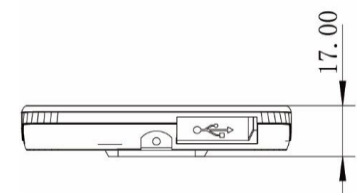
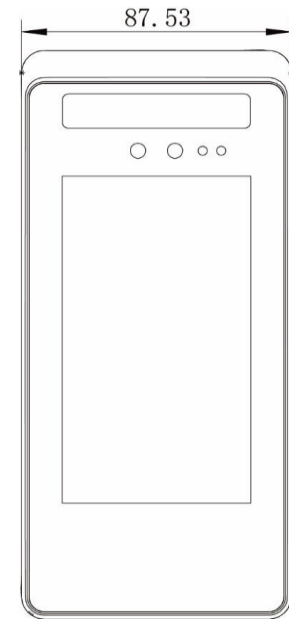
Card reader module: 1 compatible 1443 protocol
type A/B card

U&SB Interface: 1-way Type-A

Tamper button: 1

Motion detection: Radar module, with
adjustable distance

Dimension:



FUNCTION

Face detection: Detect and track 5 people meanwhile

Accuracy: 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 110% ~ 90%

Power consumption: Max.24W

Dimension (w/o support): 190.00mm * 87.53mm * 17.00mm