

Dnake Face Recognition Terminal AC-FAD50

(AC-FAD50 is an information technology equipment rather than medical facility. Temperature measurement is only an auxiliary function and cannot be used as medical diagnosis basis.)



Overview

AC-FAD50 is an integration terminal with features of face recognition, temperature measurement and mask detection. AC-FAD50 perfectly integrates face recognition and infrared measurement technology into turnstile and access control products, which can accurately identify and detect the identity of personal, and whether they are wearing masks. AC-FAD50 supports multiple authentication modes including whitelist face recognition (1:N), face and IC card. AC-FAD50 features All-day working, high recognition accuracy rate, large capacity, fast recognition speed, and it can be widely applied in hospital, shopping mall, school, station, etc.

High Cost-Effective	High Accuracy	High Flexibility
Wrist temperature measurement module is more cost-effective.	Wrist is in sleeves, temperature is more stable, especially in winter.	Arms measurement is much more flexible than forehead.

Features

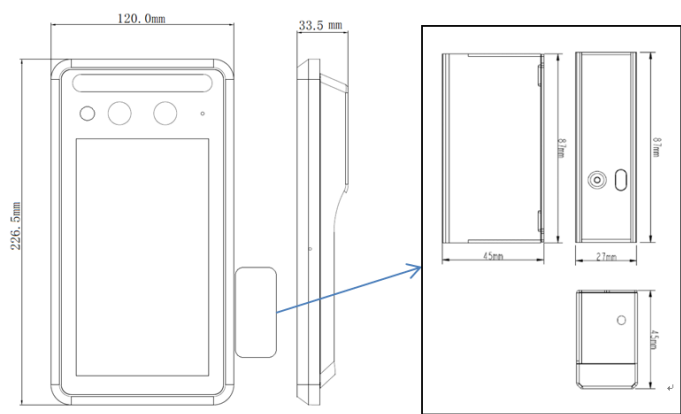
- Temperature Measurement: Use non-contact detection module, The detection distance is 1-3cm, The measuring accuracy can reach 0.1°C , detection error $\leq \pm 0.3^{\circ}\text{C}$.
- Alarm : Mask detection alarms, abnormal temperature measurement detection alarm.
- Adaptive environment: $0^{\circ}\text{C} \sim +45^{\circ}\text{C}$, can only be used indoors.
- Industrial screen, brightness up to 320 nit.
- Employ deep learning algorithm, Face recognition rate without mask > 99.5%, detection rate without mask > 99.5%, face recognition rate under mask condition are >95%, false recognition rate < 1%.
- Inbuilt HiSilicon chip, supporting offline recognition, face recognition(1:N), library capacity of up to 50,000 faces.
- Support multiple authentication methods including external IC card reader, face recognition, card verification, face+IC card.
- Built-in 8G EMMC front end storage, stable and reliable, up to 20,000 records (with images).
- Support binocular liveness detection that can resist photos, video and other ways of attack.
- Support LAPI, higher compatibility with third party management platform.

Specifications

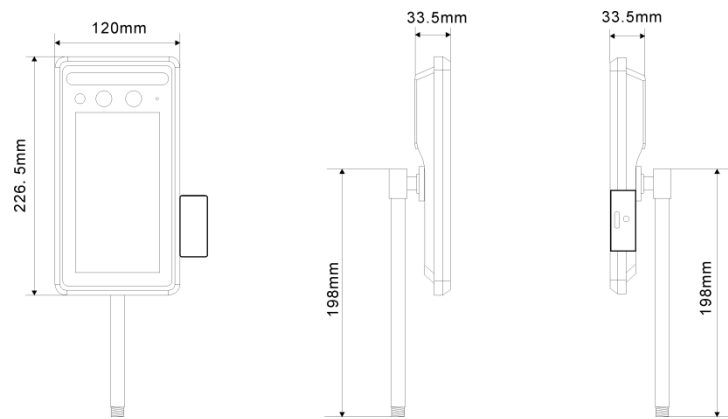
Item	Description
Unmasked face recognition rate	>99.5% , false recognition rate <1%
Recognition time	0.2s
Detection rate without mask	>99.5% , false recognition rate <1%
Face recognition rate with mask	>95% , false recognition rate <1%
Temperature measuring distance	farthest distance is 1-3cm
Temperature detection error	≤±0.3℃
Library capacity	50000
Front End Storage	20,000 records(with images)
Authentication Mode	Face recognition (1:N) ; IC card: (1:N), external card reader required, IC card verification (1:1), external card reader required
Employee Management	Support employee library addition, deletion, update, and employee information display
Visitor Management	Support adding, updating, deleting and viewing visitor
Stranger Management	Support stranger detection, stranger information upload
Record Management	Support local recording and real-time upload
Interface	100M network interface×1, Wiegand input×1, Wiegand output×1, RS485×1, alarm input×2, I/O output×1
Power Supply	Input DC12V±25%
Screen size and resolution	7 inches, 600*1024
Illumination	LED soft light
Dimensions (L×W×H)	226.5mm×120mm×33.5mm
Working Environment	0℃~+45℃, <95% non-condensing
Application Situation	Indoor, windless environment
Installation	Floor-standing Mounting /Wall Mounting

Dimensions

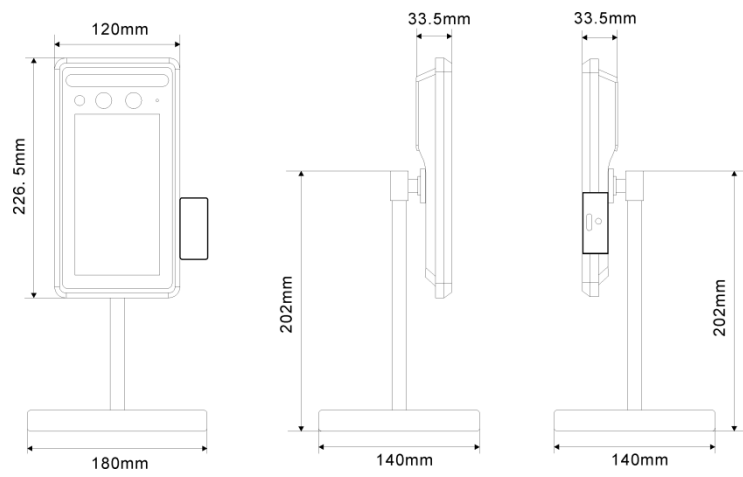
Face Recognition Terminal &Wrist Temperature Measurement Module



Column Mounted on Turnstile



Desktop



Floor-standing

