

FACE RECOGNITION

DYNAMIC TIME ATTENDANCE ACCESS CONTROL TERMINAL



AV-1800 Pro

FEATURES

- 8.0 Inch Touch Screen
- 200W Infrared Live Camera
- Logs capacity : 500000
- Face capacity : 50000
- Card Capacity : 50000, ID/IC Card
- Password Capacity : 50000
- 0.5~2.0M Recognition Distance
- LED Fill Light For Dark Environment
- Multi Language Support



Face



Card



Password



Access Control

SPECIFICATION

Product Name : AI Dynamic Face Recognition Time Attendance Access Control Terminal

Screen : 8.0 Inch, HD 800*1280, Capacitive Touch Screen

Keypad : Touch keypad

Operation system : LINUX 3.10

CPU,NPU : 1.2G Dual-Core ARM Cortex-A7, 1200G (1.2T)

RAM : 512MB DDR3L

ROM : eMMC Flash 8GB

Binocular Camera : 200W Colorful WDR+200W Infrared live camera

Logs capacity : 500000

Face Registration : Local operation: Enroll face with machine, import user photo with

U disk, Software operation: Import user photo to software, capture user photo with camera

Verification : Dynamic face recognition, password, ID/IC card optional

Face Capacity : 50000

Card Capacity : 50000, ID and IC Card

Password Capacity : 50000

Face Recognition Accuracy : 99.70%

Recognition Speed : ≤0.2s, support single user/multi user (at most 5 users)

recognition at same time

Recognition Distance : 0.5-2.5 meters

(0.5~1.5 meters with live face recognition on)

Prevent Photo : Dual camera anti-counterfeiting, prevent recognition with photo/video

Principle of Identification : Face algorithm technology of multi-task cascaded convolutional neural network based on video stream for dynamic face detection, tracking and recognition

WDR : Wide dynamic range, support accurate face recognition under Strong light, dark light and backlight

USB : USB2.0 x1, Supports U disk import/export data

Power supply : DC12V interface x 1

Speaker Interface : Reserved for

Network Communication : TCP/IP, Support G/S LAN communication, WiFi (optional)

Free Attendance software : Support exporting excel attendance report with U disk

Shift : Support shift setting and importing shift schedule with U disk

Management Software : Support PC software to manage data through network connection with equipment

Access Control Function : Door unclosed alarm, forced door opening alarm, alarm linkage and output one set of door opening signals, time permission control, connect external access control reader, Wiegand 26/34 Output & Input

Environmental adaptability : Working temperature: -15~+45 °C

Working humidity: 20%~90% Dark environment: LED Soft light

Ambient light adaption range: 0~50000Lux

Multi language : English, Spanish, Thai, French, Italian, Japanese etc

Broadcast and ring : Support display name, voice broadcast name, builtin bell ring

Automatic fill light : Support infrared fill light, the white fill light automatically lights up when face is captured in dark light

Working Current : Stand by current: 310mA, Working current: 520mA

Installation Way : Standard: Wall mount, desktop stand, Optional: bracket for turnstile, floor stand

Machine Dimension : 265x132.6x20mm

Carton Dimension : Size: 480x438x229mm, 12Kg/carton, 10units/carton