

FACE RECOGNITION

DYNAMIC TIME ATTENDANCE ACCESS CONTROL TERMINAL



BW-AI20FM

SPECIFICATION

Model : BW-AI20FM

Screen : 2.8 Inch Color Screen

Input Mode : Touch Keyboard

Operation system : LINUX 4.19

CPU, NPU : ARM Cortex-A7 800M, 800G (0.8T)

RAM : 256MB DDR3

ROM : EMMC Flash 4GB

Binocular camera : 2MP Color Camera+2MP Infrared camera

Live: detection : Dynamic dual-camera anti-counterfeiting, to prevent all kinds of black-and-white, color photos and video from deception

Verification : Face recognition, password, ID Card(IC optional)

Face Recognition Accuracy : 99.70%

Recognition Speed : 0.2s

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

Power supply: DC12V 2A

Network communication : TCP/IP, USB type-A, WIFI

Free Attendance software : Local software and web based cloud software Access

Control Function : Lock output Doorbell output/external ring wiegand input/output

Working temperature: 0 C--+45 C,

Working humidity: 20%~90%

Dark environment: LEDSoft light automatic fill light (Automatic control according to ambient light)

Multiple Language : Support 20 national languages and voices including English, Spanish, Arabic, Thai, Farsi, Portuguese, French, Italian, Japanese, Korean, etc.

FEATURES

- 2MP HD Color Camera, For Color Display
- Dual Infrared Light, For Live Face Detection
- Logs capacity : 500000
- Face capacity : 5000
- Card Capacity : 5000, ID Card standard, IC Card optional
- Password Capacity : 5000
- RFID Card Reader
- LED Fill Light For Dark Environment
- 2MP HD Infrared Camera, For Live Face Detection



Face



Card



Password



Access Control



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