

# FACE RECOGNITION

## DYNAMIC TIME ATTENDANCE ACCESS CONTROL TERMINAL



## BW-AI20FM

### 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**

### 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 :** 2PM Color Camera+2PM 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:** LED Soft 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.



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