UNIWIN

5-inch Attendance Terminal

Accurate Recognition
Fast Face Recognition

Remote Door
Unlocking-Saves
Time and Effort

Binocular Detection
Liveness Anti-Spoofing

5-inch Full Viewing
Angle Touch Screen

Product Overview

WR502 binocular face recognition terminal integrates high-definition facial recognition cameras with advanced adaptive optics, delivering stable performance in extreme lighting conditions. It features fast recognition speed, high accuracy, and a large list capacity. It can be used in conjunction with application management systems such as real-name management systems for construction sites, facial recognition access control and attendance management systems, and visitor management systems. It is perfectly suitable for complex application scenarios in communities, campuses, hospitals, scenic spots, hotels, shopping malls, office buildings of enterprises, public service places, construction sites, etc., where temperature monitoring, identity recognition, and access control are required.

Application Scenarios

Library/dormitory door

Site/factory

Campus entrance and exit

Scenic area entrance and exit

Park commuting attendance

Office building access control

Product Features

5-inch IPS LCD display with wide viewing angles

API documentation provided with support for customized development

Supports both web-based remote upgrades and local USB drive updates

Provides convenient access for unregistered visitors while ensuring security and enhancing user experience

Supports 5,000-face database with 99.99%+ recognition accuracy and <1s verification speed

Equipped with a smart doorbell function for seamless communication and instant notifications

100,000 facial recognition attendance records (with images)
1,000,000 log entries (image-free mode)

Operates independently without external network/server connection, capable of complete employee attendance recording and management

Product Appearance & Dimensions

White Light Fill-in Light
Red Light Fill-in Light
Binocular Camera

12:30
2024.8.10
Thursday

5-inch LCD Screen

CARD

Card Swipe

12:30
2024.8.10
Thursday

CARD

175mm

83mm   15mm

Cameras

Resolution	Dual 1MP (Megapixel)
Type	Binocular Camera
Aperture	F2.2
Focus Distance	50-150cm
White Balance (WB)	Automatic
Fill Light	LED/Dual IR Fill Lights

Screen

Size	5.0-inch IPS LCD Screen
Resolution	480x854
Touch	Support

Configuration

CPU	Single-Core CPU
NPU	1.0 TOPS
OS	Linux
Memory	EMMC 8G
Network Module	Ethernet, wireless (Wi-Fi), 4G (optional)
Audio	2w/8Ω
Card Reader	IC/ID card reader (optional)

System Functions

Face Database	5000 faces

Password Capacity/Number	5000
1:N Face Recognition	Support
Liveness Detection	Support
Stranger Detection	Support
Recognition Distance	50-150cm
Recognition Speed	<1 second
Recognition Rate	99.99%
UI Interface Configuration	Support
Device Remote Upgrade	Support
API Interface	Device management, personnel/photo management, communication records, system settings
Deployment method	Support public cloud deployment, private deployment, LAN/stand-alone use

Standard Parameters

Power	12V 2A
Operating temperature	-10°C-60°C
Storage temperature	-20°C-70°C
Power consumption	10W（MAX）
Installation method	Wall Mounting
Protection level	IP54
Device size	175*83*15mm