UNIWIN

Intelligent Face Recognition Terminal 7-Inch Access Control & Attendance Terminal

Accurate Recognition Fast Face Recognition

Remote Door Unlocking-Saves Time and Effort

Binocular Detection Liveness Anti-Spoofing

7-inch Full Viewing Angle Touch Screen

12:30
2024年11月13日 星期三

Product Overview

WR701 binocular facial recognition terminal is equipped with high-definition facial recognition cameras, capable of adapting to harsh environments such as strong or dim lighting. It features fast recognition speed, high accuracy, and a large-capacity database.This device can be integrated with various application management systems, including facial recognition-based construction site, facial access control and attendance management systems, and visitor management systems.It is perfectly suitable for complex application scenarios such as communities, campuses, hospitals, scenic spots, hotels, shopping malls, corporate office buildings, public service places, construction sites, etc. that require temperature monitoring, identity recognition and access control.

Application Scenarios

Library/dormitory door

Site/factory

Campus entrance and exit

Scenic area entrance and exit

Park commuting

Office building access control

Product Features

7-inch IPS full-viewing-angle LCD display

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, ensuring security while enhancing user experience.

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

Equipped with smart doorbell functionality to enable convenient communication and instant notifications

Supports local storage of 100,000 face recognition attendance records

Operates independently without external network/server connection to complete employee attendance recording and management

Product Appearance & Dimensions

White Light Fill-in Light

IR Fill Light

Binocular Camera

12:30
2024年11月13日 星期三

7-inch LCD

Card Swipe

12:30
2024年11月13日 星期三

205mm

105mm

26mm

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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	7.0 inch IPS LCD
Resolution	1024x600
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

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

Standard Parameters

Power	12V 2A
Operating temperature	-10°C-60°C
Storage temperature	-20°C-70°C
Power consumption	20W（MAX）
Installation method	Wall Mounting
Protection level	IP54
Device size	205*105*26mm