WDU505PRO

WDU505 Pro series is a versatile intelligent terminal that supports rich extensibility an optional QR Code and Fingerprint module, offering the IP65 waterproof protection for an outdoor solution

Access Control

IP 65 Waterproof

Live Detection

Touch Screen

QR Code (Optional)





Introduction

WDU505 Pro series is an AI-based face recognition all- in-one terminal featuring high reliability and high performance, which can be applied to deliver a high- speed recognition rate with unrivaled accuracy.

Powered by the latest WDLink deep-learning algorithm, the anti-spoofing performance against dynamic environments and diversified spoofing attacks has been greatly enhanced. It has a range of modules available, which can verify the user's identity through not only QR codes

Features

- EM 125KHz & MIFARE 13.56MHz
- 0.3s high-speed facial verification
- Recognition accuracy 99.99% (99.77% recognition rate at 1% FAR; 99.27% recognition rate at 0.1% FAR)
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

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Specifications

Capacity	
Faces	50,000
Cards	50,000
Personnel	50,000
Interfaces	
Communication Modes	TCP/IP, WIFI
I/O	Relay, Wiegand input/output, RS232, Door sensor, Exit button, USB
Functions	
Face Recognition	Live detection
Upgrade Modes	Online, USB
SDK and Software	Standalone SDK, WDTIME, Cloud
Hardware	
Memory	512MB RAM + 8GB ROM
CPU	Dual-core ARM Cortex-A7@900MHz, Linux
Screen	5-inch TN touch screen
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3-2m)
Infrared Fill Light	Supported
Card Modules	Standard EM & MIFARE Card, NFC
QR Code Module	550-byte 3cm*3cm QR Code
General	
Working Temperature	-10°C~60°C
Storage Temperature	-20°C~60°C
Working Humidity	10%~90%
IP Rate	IP65
Power Supply	DC 12V/2A
Power Consumption	Max. 15W
Dimensions	174mm*84mm*18mm
Certificates	CE, FCC, RoHS