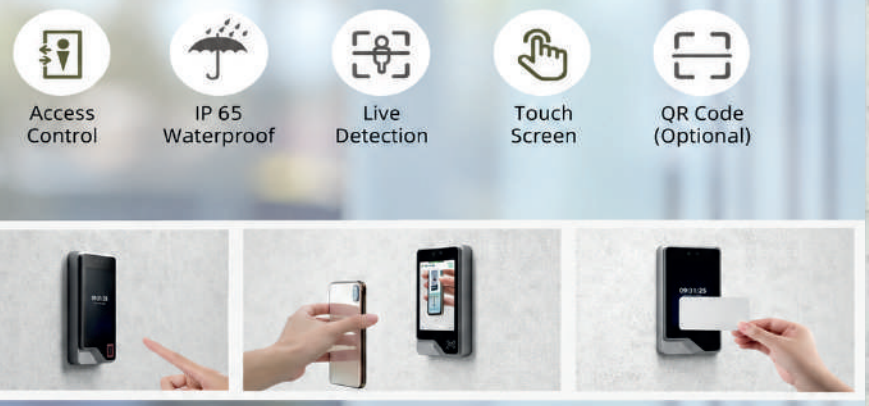
WDU505 Pro

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





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 but also fingerprints and even hybrid verification modes.

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)
- Register standard 10,000 faces and 3,000 fingerprints (Optional)
- Live detection algorithm against photos, videos, and 3D masks attack
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

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