# WDU505PRO

WDLINK




**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

# WDU505PRO

## 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 |