WDU505PROFP

Versatile AI Facial Recognition Terminal

WDU505 PROFP 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


Fingerprint (Optional)


QR Code (Optional)





Introduction

WDU505PROFP 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

CAPACITY

Faces	50,000
Fingerprints	3,000
Cards	50,000 (EM & MIFARE)
Personnal	50,000

INTERFACES

Communication Modes	TCP/IP, WiFi, Bluetooth, RJ45
I/O	Wiegand Input/Output, Relay Out, RS232, USB

FUNCTIONS

Face Recognition	Dual-camera Live Body Detection
QR Code	Supported
Microphone	Built-in MIC
SDK and Software:	Standalone SDK, WDTIME, Cloud

HARDWARE

Memory (RAM / ROM)	512MB RAM + 8GB ROM
CPU	Dual-core ARM Cortex-A55 @850MHz
Operating System	Linux OS
Screen	5-inch IPS Full-View LCD Touch Screen
Resolution	720*1080
Camera	Line by line scan CMOS Camera
Face Recognition	Dual-camera Live Body Detection
Distance de reconnaissance	0.3 – 2 m
Card Modules	Standard EM & MIFARE Card
QR Code Module	Supported
Microphone	Built-in MIC

GENERAL

Working Temperature	-40°C ~ +60°C
Working Humidity	10% ~ 90% RH (Non-condensing)
IP Rate	IP65
Power Supply	DC 12V/2A (EU Power Supply)
Power Consumption	Max. 15W
Dimensions	174mm*84mm*18mm
Certifications	CE, FCC, RoHS