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)
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

WDU505PROFP

CAPACITY

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

INTERFACES

Communication Modes	TCP/IP, WiFi
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