

WDU808PROFP

WDU808PROFP series is a versatile multi-modal intelligent high-end terminal and boasts an exceptional recognition accuracy, supporting wall-mounting installation and low-temperature running.



IP65 / IK06



-40°C Running



4G (Optional)



Fingerprint (Optional)



QR Code



Introduction

WDU808PROFP Series is an AI-based high-end facial recognition terminal, aimed to achieve an all-round upgrade on whatever performance and reliability. It is designed with robust housing and multi-modal features to deliver a better user interactive experience. The face recognition capability has reached a new height in the biometric recognition technology with a maximum of 100,000 facial templates and the ultimate anti-spoofing security against spoofing attacks optimized by the latest WDLINK algorithm. It also offers a QR code and fingerprint module for multi-scenario verification.

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 50,000 faces (Optional 100,000) and 5,000 fingerprints (Optional)
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight



WDU808PROFP

High and AI facial recognition terminal



Specifications

Model Name	WDU808PROFP
Faces	50,000 (Optional 100,000)
Cards	50,000 (Optional 100,000)
Logs	Max. 200,000

Communication Modes

TCP/IP (Support POE), WIFI, Bluetooth

I/O

Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, USB (Type A & Type C), MIC

Face Recognition

Live detection

Upgrade Modes

Online, USB

Supported Software

Standalone, WDLINK Cloud, WDLINK Access

Hardware

Memory	1GB RAM + 8GB ROM
CPU	Dual-core ARM Cortex-A7, RISC-V MCU, Linux
NPU	1.2 Tops
Screen	8-inch IPS full-view LCD touch screen
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3m-2m)
Card Modules	Standard EM & MIFARE Card, NFC
Fingerprint Module	5,000 fingerprints
4G Module	N/A

General Specifications

Working Temperature	-40°C~50°C
Storage Temperature	-20°C~60°C
Working Humidity	10%~90%
IP Rate	IP65
Power Supply	DC 12V/2A
Power Consumption	Max. 15W
Dimensions	248mm*128mm*22mm
Certificates	CE, FCC

