WDU808PRO

WDU808PRO is a versatile multi-modal intelligent high-end terminal and boasts an exceptional recognition accuracy,supporting wall-mountinginstallation and low-temperature running.







Introduction

WDU808PRO 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 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)
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

Specifications

Category	Specification	Value
General	Model	WDU808PRO
Capacity	Faces	100,000
	Cards	100,000
	Personnel	100,000
Interfaces	Communication Modes	TCP/IP WiFi
	I/O	Relay, Wiegand input/output, RS232, RS485, door sensor, exit button, USB (Type-A & Type-C), MIC
Functions	Face Recognition	Live detection
	Upgrade Modes	Online, USB
	SDK and Software	Standalone SDK, WDTIME, Cloud
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
	Recognition Distance	0.3m–2m
	Card Modules	Standard EM & MIFARE card, NFC
	Fingerprint Module	N/A
	4G Module	N/A
Environment	Working Temperature	-40°C to 50°C
	Storage Temperature	-20°C to 60°C
	Working Humidity	10% to 90%
	IP Rating	IP65
Power	Power Supply	DC 12V/2A
	Power Consumption	Max. 15W
Physical & Compliance	Dimensions	248 × 128 × 22 mm
	Certificates	CE, FCC