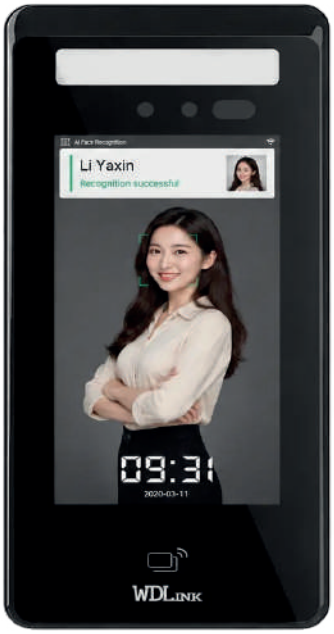
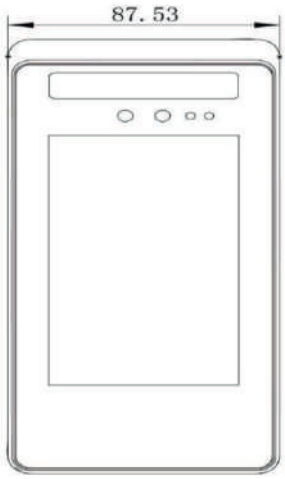
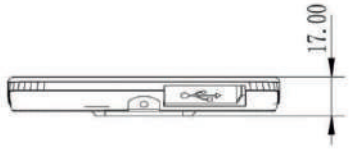
WDU505











Time Attendance | AI Dual Camera | Records Query | Live Detection | Touch Screen

Introduction

WDU505 is an AI-based facial recognition all-in-one terminal, powered by the dual-core-based CPU and the latest deep-learning algorithm, which can be applied to realize a speedy recognition with unrivaled accuracy and better anti-spoofing performance. It supports 1:1 and 1: N mode, as well as 125KHz EM & 13.56MHz MIFARE.

Features

- 13.56MHz MIFARE
- Recognition accuracy 99.99% (99.77% recognition rate at 1% FAR; 99.27% recognition rate at 0.1% FAR)
- Live detection algorithm against color, B/W photos, videos and 3D masks attack
- USB access
- Less than 1s high-speed facial verification
- Register standard 3,000 facial templates
- Industrial design, stable performance, smooth outline
- QR Code access reader
- Anti-backligh

Specifications

Model	WDU505
Capacity	
Faces	50,000
Cards	50,000
Personnel	50,000
Interfaces	
Communication Modes	TCP/IP, WIFI
I/O	Relay, Wiegand output, RS232, Door sensor, Exit button, USB
Functions	
Face Recognition	Live detection
Upgrade Modes	Online, USB
SDK and Software	Standalone SDK, WDTIME, Cloud
Recognition Modes	Face, Card, Face + card, User ID + Password, Card + Password, QR Code
Hardware Specifications	
Memory	8GB ROM + 1GB RAM
CPU	Dual-core ARM Cortex-A7@900MHz, Linux
Screen	5-inch IPS full-view LCD touch screen
Cameras	IR, RGB dual-lens camera, Recognition distance (0.5-1.5m)
Card Module	Standard EM & MIFARE Card, NFC
General	
Working Temperature	-10℃~50℃
Storage Temperature	-20℃~60℃
Working Humidity	10%~90%
IP Rate	IP54
Power Supply	DC 12V/2A
Power Consumption	Max. 15W
Device Dimensions	190.00 mm × 87.53 mm × 17.00 mm
Certificates	CE, FCC, RoHS