WDUX50000



Overview

The WDUX50000 is an innovative, high-performance, screenless facial recognition terminal powered by the original WDLINK deep learning algorithm. It is compact, fast and highly accurate, with a built-in 125 kHz EM and 13.56 MHz MIFARE card reader. Designed for outdoor use, it has an IK10 impact resistance rating and IP66 weather protection.

Quick Specs

Feature	Specification
Recognition speed	Less than 0.3 sec
Distance	0.3–1.5 m
Mounting height	1.2–2.0 m
Protection	IP66 / IK10
Camera	Dual camera with wide angle
Operating temperature	Down to -40

Key Features

- Real-time face detection, recognition speed less than 0.3 seconds
- Recognition accuracy of 99.99% (99.77% at 1% FAR; 99.27% at 0.1% FAR)
- Works with 125 kHz EM and 13.56 MHz MIFARE cards
- Stellar wide-angle camera
- Three-color indicator light
- Operation at low temperatures of -40
- IK10 impact resistance
- IP66 weather protection

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WDLINK

Specification

Memory capacity	
Users	100,000
Card	100,000
Faces	30,000
Interfaces	
Communication protocols	TCP/IP, Wi-Fi
Relay input and output	Relay, exit button, opening sensor doors, fire alarm sensor input, RS 232, RS 485, Wiegand – input / output
Functions	
Facial recognition	With reliability determination (Live detection)
Types of authentication	Face, card, two-factor: face + card, QR code
Update modes	Online
SDK and Software	Standalone SDK, WDTIME, Cloud

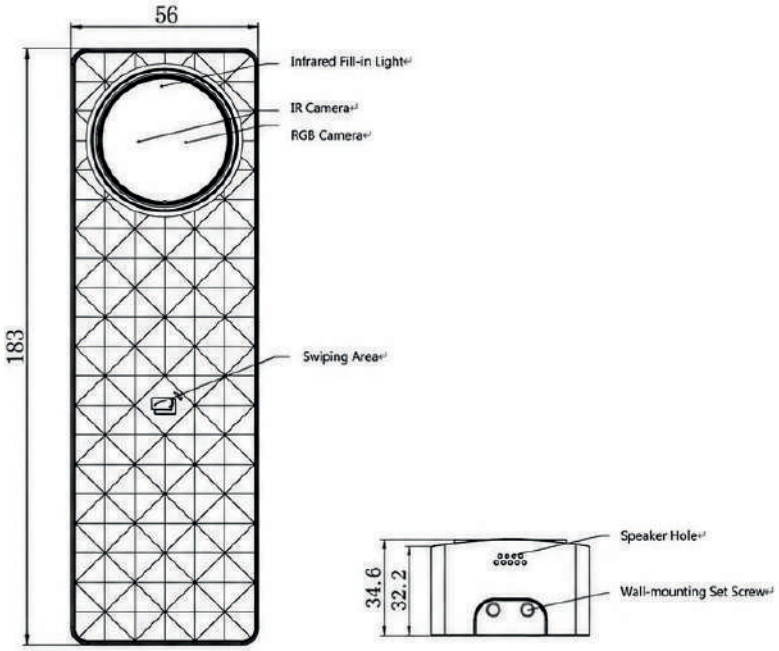
Technical specifications	
Memory capacity	8GB ROM + 512MB RAM
Processor	ARM Cortex A7 MP2@1
OS	Linux
Supported card formats	125 kHz EM and 13.56 MHz MIFARE
Camera Dual:	IR + RGB, wide-angle Stellar type
Backlight	One three-color indicator, 2 × IR LEDs

Main parameters	
Operating temperature	–40 to +65
Storage temperature	–20 to +60
Working humidity	10%–90%
Energy consumption	10W at full load
Dimensions,	mm 56 × 183 × 34.6
Certificates	DS TR TS (EAS), CE, FCC

Drawing (mm):

56*183*34.6

Device size, mm



Bracket size, mm

