WDLINK

WDUX50000

Facial recognition terminal



Recognition speed less than 0.3 sec	Distance: 0.3-1.5 m Height: 1.2-2.0 m	IP66 IK10	Dual camera with wide angle	Definition masks	Operation at temperatures down to -40

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

Key Features of the Product:

- Real-time face detection, recognition speed less than 0.3 seconds
- Recognition accuracy of 99.99% (99.77% passing grades at 1% FAR, 99.27% passing grades at points per 0.1% FAR)
- Works with 125 kHz EM and 13.56 MHz MIFARE cards
- Support Bluetooth connection to mobile phone
- Stellar wide-angle camera
- Three-color indicator light
- Operation at low temperatures of -40
- IK10
- IP66

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Specification

Model:	WDUX50000
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

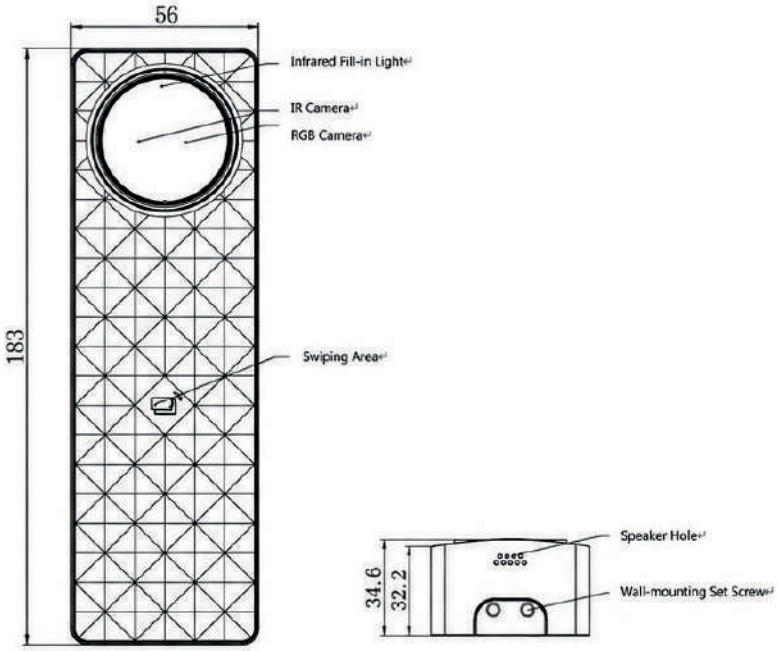
Main parameters

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

