nuveq

5-inch outdoor AI Facial Recognition Terminal
EP-FR501

Access Control
IP 65 Waterproof
Live Detection
Touch Screen

INTRODUCTION

The NUVEQ EP-FR501 is a state-of-the-art recognition terminal that boasts the latest technology enhancements, making it the perfect solution for a range of scenarios. With its rich interfaces and advanced features, this terminal offers unparalleled benefits such as lightning-fast facial automatic detection.

Equipped with a dual-core CPU, which optimizes live detection to achieve the highest levels of biometric recognition accuracy and anti-spoofing ability. This results improved security performance, making it an ideal choice for high-security environments.

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FEATURES

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99% (99.77% recognition rate at 1% FAR; 99.27% recognition rate at 0.1% FAR), with 0.3s fast verification
- Face capacity up to 1: N-10,000 facial templates
- Live detection algorithm against photos, videos, and 3D masks attack
- 5-inch TN touch screen with 550 lux, offering
- high visibility against intense, direct light
- IP65(Outdoor solution)
- Anti-backlight

CLOUD-BASED ACCESS CONTROL SYSTEM | MOBILE ACCESS

CE RoHS COMPLIANT

SPECIFICATIONS

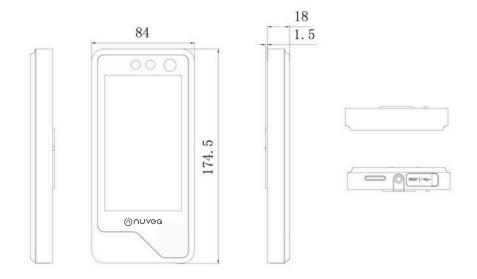|	
MODEL NO:	EP-FR501
Operating system:	Linux
CPU:	Dual-core ARM Cortex-A7@ 900MHz
NPU:	1.2 Tops
Storage:	1GB RAM + 8GB ROM
Display screen:	7-inch TN LCD touch screen
Cameras:	IR, RGB dual-lens camera
Card Modules:	Standard EM & MIFARE Card, NFC
I/O Interfaces:	Relay, Wiegand input/output, RS232, Door sensor, Exit button, USB
Communication Mode:	TCP/IP, WIFI
Capacity:	10,000 face database
Logs:	Max. 100,000
Accuracy:	Up to 99.99%
Recognition distance:	Live detection: 0.3-1.5m; Non-live: 0.3-3m
Multi-verification Modes:	Face, Card, Face + Card, Card + Password, User ID + Password
Power Supply:	DC 12V/2A
Power Consumption:	Max. 15W
Operation Temperature:	-10 °C - 60 °C
Operation Humidity:	10 ~ 90%
IP Rate:	IP65
Dimensions:	174mm*84mm*18mm

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