

INTRODUCTION

NUVEQ EP-FR501FP is an AI-based face recognition all-in-one terminal featuring high reliability and high performance, which can be applied to deliver a high-speed recognition rate with unrivaled accuracy. Powered by the latest NUVEQ deep-learning algorithm, the anti spoofing performance against dynamic environments and diversified spoofing attacks has been greatly enhanced. It has a range of modules available, which can verify the user's identity through not only QR codes but also fingerprints and even hybrid verification modes.

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
- Register standard 10,000 faces and 3,000 fingerprints(Optional)
- Live detection algorithm against photos, videos, and 3D masks attack
- high visibility against intense, direct light
- IP65(Outdoor solution)
- Anti-backlight

NUVEQ.NET

SPECIFICATIONS

MODEL NO: EP-FR501FP

Operating system: Linux

CPU: Dual-core ARM Cortex-A7@ 900MHz

NPU: 1.2 Tops

Storage: 512MB RAM + 8GB ROM

Display screen: 5-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, RS485,

Door sensor, Exit button, 2 Type-A USB, MIC

Communication Mode: TCP/IP, WIFI, Bluetooth

Capacity: 10,000 faces and 3,000 fingerprints database

Logs: Max. 50,000
Accuracy: Up to 99.99%

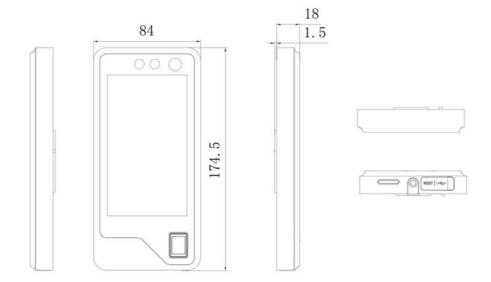
Recognition distance: Live detection: 0.3-1.5m; Non-live: 0.3-3m

Power Supply: DC 12V/2A
Power Consumption: Max. 15W

Operation Temperature: -10 °C - 60 °C

Operation Humidity: 10 ~ 90% IP Rate: IP65

Dimensions: 174mm*184mm*18mm



NUVEQ.NET

