

EP-FR501FP

Versatile AI Facial Recognition Terminal



Access Control



IP 65 Waterproof



Live Detection



Touch Screen



Fingerprint (Optional)



QR Code (Optional)

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

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*84mm*18mm

