E53-1711-OS-F

Versatile AI FACE RECOGNITION TERMINAL

Uface 5 Pro series is a versatile intelligent terminal that supports rich extensibility, an optional QR Code and Fingerprint module, offering the IP65 waterproof protection for an outdoor solution.

Access Control | IP 65 Waterproof | Live Detection | Touch Screen | Fingerprint (Optional) | QR Code (Optional)

Introduction

Uface 5 Pro series is an AI-based facial 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 Uni-Ubi® 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 code but also fingerprint and even hybrid verification modes.

Features

- Industrial design, stable performance, and smooth outline
- Anti-backlight
- Live detection algorithm against most of the photos, videos, and 3D masks attack
- Less than 1s high-speed facial verification, with the recognition accuracy of 99.99% (99.77% recognition rate at 1% FAR; 99.27% recognition rate at 0.1% FAR)
- IP65 (Outdoor solution)
- EM 125KHz & MIFARE 13.56MHz
- Register standard 10,000 faces and 3,000 fingerprints (Optional)

Specifications

Model Name	E53-1711-OS-F
Capacity	
Faces	10,000
Cards	10,000
Logs	Max. 150,000 (including 50,000 logs with photos)
Interfaces	
Communication Modes	TCP/IP, WIFI, Bluetooth
I/O	Relay, Wiegand input/output, RS232, Door sensor, Exit button, USB
Functions	
Face Recognition	Live detection
Upgrade Modes	Online, USB
Supported Software	Standalone, Ustar, Ustar Cloud, Ustar Mobile, Ustar Access, Web Server
Hardware	
Memory	8GB ROM + 512MB RAM
CPU	Dual-core ARM Cortex-A7@900MHz, Linux
Screen	5-inch TN touch screen
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3m-2m)
Infrared Fill Light	Supported
Card Modules	Standard EM & MIFARE Card, NFC
QR Code Module	550-byte 3cm*3cm QR Code
Fingerprint Module	N/A
General	
Working Temperature	-10°C~40°C
Storage Temperature	-20°C~60°C
Working Humidity	10%~90%
IP Rate	IP65
Power Supply	DC 12V/2A
Power Consumption	Max. 15W
Dimensions	174mm*84mm*18mm
Certificates	CE, FCC, RoHS

Caution:

Intended for sale and application in a business environment.

Use the Product in the environment with the temperature Between -10℃ and 40℃; Otherwise, it may damage your product. Products can only be used below 2000m altitude

For the following equipment:

Product Name: FACE RECOGNITION TERMINAL

Brand Name: /

Model No.: E53-1711-OS-F, E53-1701-F, E53-1711-F, E53-1701-Q, E53-1711-Q, E53-1701, E53-1711, E53-1702-F, E53-1712-F, E53-1701-OS, E53-1711-OS, E53-1701-OS-F, E53-1701-OS-Q, E53-1711-OS-Q, E53-1701-OS-H

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hereby declares that this [Name: FACE RECOGNITION TERMINAL, Model: E53-1711-OS-F, E53-1701-F, E53-1711-F, E53-1701-Q, E53-1711-Q, E53-1701, E53-1711, E53-1702-F, E53-1712-F, E53-1701-OS, E53-1711-OS, E53-1701-OS-F, E53-1701-OS-Q, E53-1711-OS-Q, E53-1701-OS-H] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

CE

This product is intended for sale and application in a business environment.

RED Article 10 2

-This product can be used across EU member states

RED Article 10 10

-The product is class 1 product, No restrictions

	BE	BG	CZ	DK	DE	EE	IE
	EL	ES	FR	HR	IT	CY	LV
	LT	LU	HU	MT	NL	AT	PL
	PT	RO	SI	SK	FI	SE	UK (NI)

The RF distance between body and product is 20mm

Technical Characteristics	
Bluetooth	
Bluetooth Version:	Bluetooth V4.2
Frequency Range:	2402-2480MHz
Max.RF Output Power:	3.80dBm (EIRP)
Wi-Fi (2.4GHz)	
Support Standards:	802.11b, 802.11g, 802.11n-HT20/40
Frequency Range:	2412-2472MHz for 802.11b/g/n(HT20) 2422-2462MHz for 802.11n(HT40)
Max.RF Output Power:	17.08dBm (EIRP)
NFC-13.56MHz	
Frequency Range:	13.56MHz
Radiated H-Field:	11.34dBuA/m(@3m)

NFC-125kHz	
Frequency Range:	125KHz
Radiated H-Field:	-0.13dBuA/m(@3m)

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.