E86-1701-OS-VF

High-end AI FACE RECOGNITION TERMINAL

Uface 8 Pro series is a versatile multi-modal intelligent high-end terminal and boasts an exceptional recognition accuracy,

IP65
IK06

-40℃
Running

POE

4G (Optional)

Fingerprint
(Optional)

QR
Code

Introduction

Uface 8 Pro Series is an AI-based high-end facial recognition terminal, aimed to achieve an all-round upgrade on whatever performance and reliability. It is designed with robust housing and multi-modal features to deliver a better user interactive experience. The face recognition capability has reached a new height in the biometric recognition technology with a maximum of 100,000 facial templates and the ultimate anti-spoofing security against spoofing attacks optimized by the latest Uni-Ubi® algorithm. It also offers a QR code and fingerprint module for multi-scenario verification.

Features

- Industrial design, stable performance, and smooth outline
- Anti-backlight
- Live detection algorithm against printed (color and B/W photos), videos, and 3D masks attack
- Less than 1s high-speed facial verification
- The recognition accuracy of 99.99% (99.77% recognition rate at 1% FAR; 99.27% recognition rate at 0.1% FAR)
- Register standard 50,000 faces (Optional 100,000) and 5,000 fingerprints (Optional)
- POE (IEEE802.3af)

Specifications

Model Name	E86-1701-OS-VF
Capacity	
Faces	50,000 (Optional 100,000)
Cards	50,000 (Optional 100,000)
Logs	Max. 150,000 (including 50,000 logs with photos)
Interfaces	
Communication Modes	TCP/IP (Support POE), WIFI, Bluetooth
I/O	Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, USB (Type A & Type C), MIC
Functions	
Face Recognition	Live detection
Upgrade Modes	Online, USB
Supported Software	Standalone, Ustar, Ustar Cloud, Ustar Mobile, Ustar Access, Web Server
Hardware	
Memory	1GB RAM + 8GB ROM
CPU	Dual-core ARM Cortex-A7, RISC-V MCU, Linux
NPU	1.2 Tops
Screen	8-inch IPS full-view LCD touch screen
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3m-2m)
Card Modules	Standard EM & MIFARE Card, NFC
Fingerprint Module	N/A
4G Module	N/A
General	
Working Temperature	-40°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	248mm*128mm*22mm
Certificates	CE, FCC

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Caution:
Intended for sale and application in a business environment.
Use the Product in the environment with the temperature Between -40℃ 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.: E86-1701-OS-VF, E86-1701-V, E86-1711-V, E86-1701, E86-1711, E86-1701-VF, E86-1701-F, E86-1701-VG, E86-1711-VG, E86-1701-G, E86-1711-G, E86-1701-OS, E86-1711-OS, E86-1701-OS-V, E86-1711-OS-V, E86-1701-OS-G, E86-1711-OS-G, E86-1711-OS-VG, E86-1701-OS-VG, E86-1701-OS-F, E86-1702-OS, E86-1702-OS-V, E86-1702-OS-G, E86-1702-OS-VG, E86-1702-OS-F, E86-1702-OS-VF, E86-1702-V, E86-1702, E86-1702-VF, E86-1702-F, E86-1702-VG, E86-1702-G, E86-1712-V, E86-1712, E86-1712-VG, E86-1712-G
Universal Ubiquitous AI Co., Ltd.
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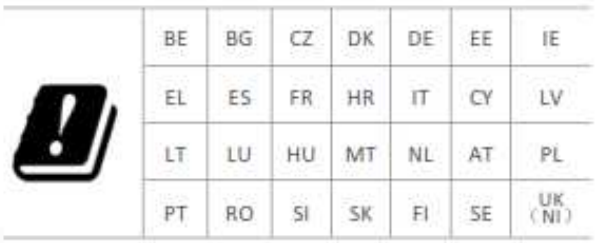
Hereby declares that this [Name: FACE RECOGNITION TERMINAL, Model: E86-1701-OS-VF, E86-1701-V, E86-1711-V, E86-1701, E86-1711, E86-1701-VF, E86-1701-F, E86-1701-VG, E86-1711-VG, E86-1701-G, E86-1711-G, E86-1701-OS, E86-1711-OS, E86-1701-OS-V, E86-1711-OS-V, E86-1701-OS-G, E86-1711-OS-G, E86-1711-OS-VG, E86-1701-OS-VG, E86-1701-OS-F, E86-1702-OS, E86-1702-OS-V, E86-1702-OS-G, E86-1702-OS-VG, E86-1702-OS-F, E86-1702-OS-VF, E86-1702-V, E86-1702, E86-1702-VF, E86-1702-F, E86-1702-VG, E86-1702-G, E86-1712-V, E86-1712, E86-1712-VG, E86-1712-G] 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



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:	5.52dBm (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:	17.42dBm (EIRP)
NFC-13.56MHz	
Frequency Range:	13.56MHz
Radiated H-Field:	-0.5dBuA/m(@3m)
NFC-125kHz	
Frequency Range:	125kHz
Radiated H-Field:	-0.75dBuA/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.