



UFACE E73-1711-OS-V Face Recognition Terminal User Manual

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UFACE E73-1711-OS-V Face Recognition Terminal



Product Information

Specifications

- **Model Name:** E73-1711-OS-V
- **Capacity:** 30,000 Faces
- **Cards:** 30,000 Max. 150,000 (including 50,000 logs with photos)
- **Interfaces:** TCP/IP, WIFI, Bluetooth, Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, 2 Type-A USB, MIC
- **Communication Modes:** Live detection Online, USB Standalone, Ustar, Ustar Cloud, Ustar Mobile, Ustar Access, Web Server
- **I/O Functions:** Face Recognition
- **Upgrade Modes Supported Software:** Multi-verification Modes
- **Hardware Memory:** 8GB ROM + 1GB RAM
- **CPU:** Dual-core ARM Cortex-A7@900MHz, Linux
- **NPU:** 1.2 Tops
- **Screen:** 7-inch TN LCD touch screen
- **Cameras:** IR, RGB dual-lens camera, Recognition distance (0.3m-2m)
- **Card Modules:** Standard EM & MIFARE Card, NFC
- **Working Temperature:** -40 to 40 Celsius
- **Storage Temperature:** Below 2000m altitude
- **Working Humidity:** IP65
- **Power Supply:** DC 12V/2A
- **Power Consumption:** Max. 15W
- **Dimensions:** 219mm*113mm*23mm

- **Certificates:** CE, FCC

Product Usage Instructions

Installation

1. Select a suitable location for installation.
2. Ensure the environment temperature is between -40 to 40 Celsius.
3. Mount the device securely using the provided mounting hardware.
4. Connect the necessary interfaces such as TCP/IP, WIFI, Bluetooth, etc.
5. Connect power supply to the device.

Setup

1. Power on the device.
2. Follow the on-screen instructions to configure the device settings.
3. Set up face recognition templates and card access if required.
4. Configure communication modes and I/O functions as per your requirements.

Usage

1. Ensure the device is powered on and functioning properly.
2. Approach the device within the recognition distance (0.3m-2m).
3. The device will detect your face and authenticate your identity.
4. If required, present your card or enter additional credentials for multi-verification modes.
5. The device will grant or deny access based on the authentication result

FAQ (Frequently Asked Questions)

1. Can this product be used outdoors?

Yes, this product has an IP65 waterproof rating, making it suitable for outdoor use.

2. What is the recognition accuracy of this device?

The recognition accuracy is 99.99% with a recognition rate of 99.77% at 1% FAR and 99.27% at 0.1% FAR.

3. How many facial templates can this device store?

This device can store up to 30,000 facial templates.

4. What are the supported communication modes?

The supported communication modes include Live detection Online, USB Standalone, Ustar, Ustar Cloud, Ustar Mobile, Ustar Access, and Web Server.

5. Is the device compatible with EM and MIFARE cards?

Yes, the device supports Standard EM and MIFARE cards.

E73-1711-OS-V

Versatile AI FACE RECOGNITION TERMINAL

- With its IP65-rated waterproof structure and low-
- temperature running module, Uface 7 features
- excellent durability in harsh conditions such as outdoor envier



- Access Control
- AI Dual Camera
- IP65 Waterproof
- Touch Screen
- -40°C Running



Introduction

Uface 7 is an enhanced all-in-one recognition terminal updated by the latest technology, which notably offers the best fit for different scenario needs with incomparable merits such as rich interfaces and enables quicker facial automatic detection when a target enters its detection distance from 0.3m to 2m. Powered by the dual-core CPU for running the intellectualized Uni-Ubi® robust algorithm, the live detection has been optimized in producing the best biometric recognition accuracy and anti-spoofing ability, with greatly boosted security performance.

Features

- Industrial design, stable performance, and smooth outline
- Anti-backlight
- 7-inch IPS touch screen with 550 lux, offering high visibility against intense, direct light
- 1920*1080 IR, RGB camera sensor, supporting facial recognition in a dark state
- Live detection algorithm against spoofing attacks
- Recognition accuracy 99.99% (99.77%recognition rate at 1% FAR; 99.27% recognition rate at 0.1% FAR), with under 1s fast detection

- IP65 (Outdoor solution)
- EM 125KHz & MIFARE 13.56MHz
- Face capacity up to 1:N-30,000 facial templates

E73-1711-OS-V

Versatile AI FACE RECOGNITION TERMINAL

Specifications

- Model Name E73-1711-OS-V

Capacity

- Faces 30,000
- Cards 30,000
- Logs Max. 150,000 (including 50,000 logs with photos)

Interfaces

- Communication Modes TCP/IP, WIFI, Bluetooth
- I/O Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, 2 Type-A USB, MIC

Functions

Face Recognition	Live detection
Upgrade Modes	Online, USB
Supported Software	Standalone, Ustar, Ustar Cloud, Ustar Mobile, Ustar Access, Web Server
Multi-verification Modes	Face, Card, Face + Card, Card + Password, User ID + Password

Hardware

Memory	8GB ROM + 1GB RAM
CPU	Dual-core ARM Cortex-A7@900MHz, Linux
NPU	1.2 Tops
Screen	7-inch TN LCD touch screen
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3m-2m)
Card Modules	Standard EM & MIFARE Card, NFC

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	219mm*113mm*23mm
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°C and 40°C; Otherwise, it may damage your product. Products can only be used below 2000m altitude
- **For the following equipment:**
- Product Name: FACE RECOGNITION TERMINAL
- **Brand Nam:**
 - Model No.: E73-1711-OS-V, E73-1701-V, E73-1711-V, E73-1701-OS-V, E73-1701, E73-1711, E73-1701-OS, E73-1711-OS
- Universal Ubiquitous AI Co., Ltd.
 - **E-mail:** yangjing@uni-ubi.com
- Hereby declares that this [Name: FACE RECOGNITION TERMINAL, Model: E73-1711-OS-V, E73-1701-V, E73-1711-V, E73-1701-OS-V, E73-1701, E73-1711, E73-1701-OS, E73-1711-
- OS] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
- 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:	0.24dBm (EIRP)
Wi-Fi (2.4GHz)	
Support Standards:	802.11b, 802.11g, 802.11n-HT20/40
Frequency Range:	<ul style="list-style-type: none"> • 2412-2472MHz for 802.11b/g/n(HT20) • 2422-2462MHz for 802.11n(HT40)
Max. RF Output Power:	17.48dBm (EIRP)
NFC-13.56MHz	
Frequency Range:	13.56MHz
Radiated H-Field:	25.84dBuA/m(@3m)
NFC-125kHz	
Frequency Range:	125KHz
Radiated H-Field:	1.0dBuA/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.

Documents / Resources

	<p>UFACE E73-1711-OS-V Face Recognition Terminal [pdf] User Manual</p> <p>E73 Face Recognition Terminal, E73, Face Recognition Terminal, Recognition Terminal, Terminal</p>
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References

- [Ubisoft | Welcome to the official Ubisoft website](#)
- [User Manual](#)