

# Uface 8 Pro

## High-end AI Facial Recognition Terminal

Uface 8 Pro series is a versatile multi-modal intelligent high-end terminal and boasts an exceptional recognition accuracy, supporting wall-mounting installation and low-temperature running.



IP65 / IK06



-40°C Running



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

- EM 125KHz & MIFARE 13.56MHz
- 0.3s high-speed facial verification
- Recognition accuracy 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)
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

## Specifications

Model Name	Uface 8 Pro	Uface 8 Pro 4G	Uface 8 Pro FP
<b>Capacity</b>			
Faces	50,000 (Optional 100,000)		
Cards	50,000 (Optional 100,000)		
Logs	Max. 200,000		
<b>Interfaces</b>			
Communication Modes	TCP/IP (Support POE), WIFI, Bluetooth	TCP/IP (Support POE), WIFI, 4G, Bluetooth	TCP/IP (Support POE), WIFI, Bluetooth
I/O	Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, USB (Type A & Type C), MIC		
<b>Functions</b>			
Face Recognition	Live detection		
Upgrade Modes	Online, USB		
Supported Software	Standalone, Ustar, Ustar Cloud, Ustar Mobile, Ustar Access, Web Server		
<b>Hardware</b>			
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	N/A	5,000 fingerprints
4G Module	N/A	GSM: GMSK/8PSK TDD-LTE: QPSK/16-QAM; FDD-LTE: QPSK/16-QAM	N/A
<b>General</b>			
Working Temperature	-40°C~50°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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