

ProFace X

Outdoor & Vandal-resistant Facial Recognition Terminal





ProFace X a fully upgraded version of the ProFace product line, which is designed to deal with all kinds of scenarios. It's powered by the latest ZKTeco-customized CPU for running the intellectualized engineering facial recognition algorithm to boost up the performance in all aspects.

With its powerful core and the latest facial recognition algorithm, the ProFace X facial recognition capability has reached a new height in the biometrics industry with a maximum of 100,000 facial templates, facial recognition speed less than 0.3 sec per face, ultimate anti-spoof ability against almost all types of fake photos and videos attack.

Other than the powerful core, ProFace X is also equipped with the latest face capture system, which enables the terminal to recognize faces under extreme strong light conditions (50,000 lux), and a microwave detector to precisely evaluate the distance between the user and the device for waking up the terminal.

ProFace X comes with a robust design that can work in extreme weather conditions from -30° C to 60° C (-22°F to 140° F); The IP68 dust and waterproof standard and IK04 protection standard also enhance its outdoor durability.

ProFaceX supports video intercom via the mobile App ZSmart. Also, the ProFace X integrates with the ONVIF video protocol to connect to the ONVIF NVR for video surveillance and recording. Moreover, ProFace X supports SIP Protocol connect to the indoor unit.

Features

- G Ultra-large capacity of facial templates; 1:N 30,000 facial templates (standard), maximun 1:N 100,000 facial templates (optional), 1:N-5,000 palm templates (customized)
 - Rapid facial recognition within 0.3s
 - · Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack, and 3D mask attack
 - Intelligent energy-saving design, precisely evaluates the distance up to 2.5m (8.2ft) between the user and the device by a microwave detector before waking up the recognition terminal
 - Integrated 125kHz prox card reader (optional IC Card)
 - 2MP starlight CMOS sensor camera with WDR function, which enables the terminal to recognize faces under extreme lighting conditions (0.5 lux 50,000 lux)
- **G** ⋅ Video intercom APP: ZSmart
- G · ONVIF Protocol, SIP Protocol
- G Dynamic QR code with ZKBio CVSecurity Mobile APP
 - Supplement lighting with adjustable brightness
 - 8" touch screen with 400 lux, which offers high visibility under strong and direct light
 - Multiple communication methods: TCP/IP, RS485, RS232, Wi-Fi (optional)
 - IP68 dust-proof and waterproof standard and IK04 protection standard
 - Wide range of working temperature (-30 \sim 60°C; -22 \sim 140°F)

Specifications (G: GL Exclusive Feature)

Capacity	
G Faces	30,000 (1:N)
	100,000(Optional)
G Palm	5,000(Customized)
	50,000
Transactions	1,000,000(Optional
	2,000,000)
User Photos	30,000
Event Photos	10,000

* Note: ProFace X with the optional 100,000 faces capacity, it does not support the following features: photo saving function, video intercom function, palm recognition function.

Compatibility

C

Security Relay Box Wiegand / RS485 Slave Reader with FP / RFID / Barcode / QR-code

- **☞** Software: ZKBio CVSecurity
- **G** Mobile App: ZSmart(Optional)

Hardware

- ▶ 1GHz Dual Core Customized Computer Vision CPU
- G 1G RAM / 8G Flash 8" (400lux) IPS Touch LCD
- © 125KHz EM Reader / 13.56MHz MF(Optional) 2MP WDR Low Light Camera Adjustable Light brightness LED Hi-Fi Voice Microphone Distance Detection Sensor

Reset Button and Tamper Switch

Access Control Interface:

Lock Relay Output Alarm Output / Auxiliary Input Exit Button / Door Sensor

Special Functions:

- **□** IP68 & IK04
- **□** Event Snapshot
- GONVIF Protocol

(Compatible with Profile S, Profile T, Profile G, Profile C, Profile Q & Profile A)

SIP Protocol

(Compatible with VT07-B01,Optional)

Standard Functions:

Access Levels, Groups, Holidays, DST, Duress Mode (Password), Anti-Passback, Record Query, Custom Wallpaper & Screen Saver, Tamper Switch Alarm

Communication

TCP/IP Wiegand Input / Output Wi-Fi (Optional) RS485* / RS232*

Additional Info

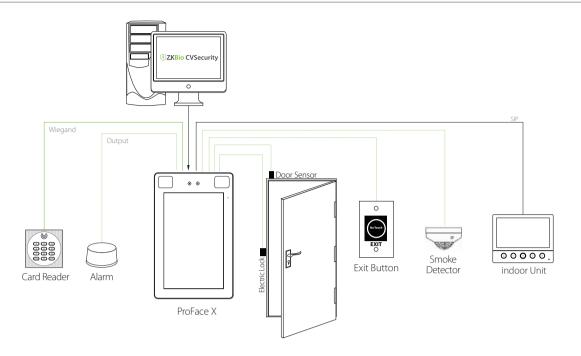
© ZKFace 3.9 & ArmaturaPalm(Customized)
Operating Temperature: -30°C ~ 60°C,
(-22°F~ 140°F)
Operating Humidity: ≤93%
Storage Temperature: -40°C ~ +65°C
Storage Humidity: ≤93%
Net Weight: 853g
Dimensions (L*W*D): 227*143*26mm

Power

Operating Voltage 12V DC Current Draw < 2,000mA

* Note: RS232 is for external printer and RS485 is for RS485 readers.

Configuration



Dimensions (mm)

