

ProFace X

Outdoor & Vandal-resistant Facial Recognition Terminal



ProFace X is 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 50,000 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 (-22°F) to 60°C (140°F); The IP68 dust and waterproof standard and IK04 protection standard also enhance its outdoor durability.

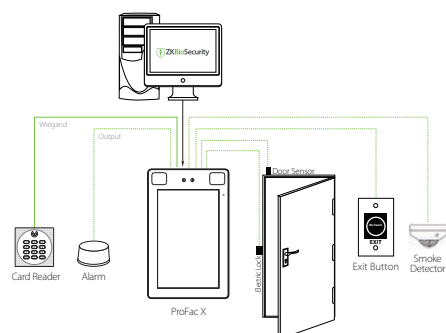
Features

- Ultra-large capacity of facial templates; 1:N - 30,000 facial templates (standard), maximum 1:N - 50,000 facial templates (optional)
- 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 Mifare)
- 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)
- 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 ~ 60°C; -22 ~ 140°F)

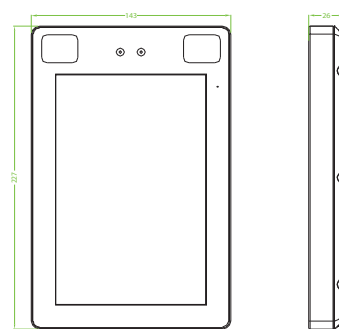
Specifications (G: GL Exclusive Feature)

Capacity		Access Control Interface:	Communication
G Faces	30,000 (1:N)	Lock Relay Output	TCP/IP
	50,000 (Optional)	Alarm Output / Auxiliary Input	Wiegand Input / Output
Users / Cards	50,000	Exit Button / Door Sensor	Wi-Fi (Optional)
G Transactions	1,000,000(Optional 2,000,000)		RS485 / RS232
User Photos	30,000		
Event Photos	10,000		
Compatibility		Special Functions:	Additional Info
Security Relay Box		G IP68 & IK04	Face Algorithm: ZKLiveFace5.8
Wiegand / RS485 / RS232 Slave Reader		G 0.3s High Speed Face Verification	Working Temperature: -30°C ~ 60°C, (-22°F ~ 140°F)
with FP / RFID / Barcode / QR-code		Live Face detection	Working Humidity: ≤93%
ZKBioSecurity Software		Communication Https Encrypted Optional	Storage Temperature: -40°C ~ +65°C
		G Event Snapshot	Storage Humidity: ≤93%
			Net Weight: 853g
			Dimensions (H*L*D): 227*143*26mm
Hardware		Standard Functions:	Power
G 900MHz Dual Core Customized Computer		Access Levels, Groups, Holidays, DST, ,	Operating Voltage 12V DC
Vision CPU		Duress Mode (Password), Anti-Passback,	Current Draw < 2,000mA
G 512MB RAM / 8G Flash		Record Query, Custom Wallpaper & Screen	
8" High light (400lux) IPS Touch LCD		Saver, Tamper Switch Alarm	
G 125KHz EM Reader / 13.56MHz MF(Optional)			
2MP WDR Low Light Camera			
Adjustable Light brightness LED			
Hi-Fi Voice			
Receiver sensitivity Microphone			
Distance Detection Sensor			
Reset Button and Tamper Switch			

Configuration



Dimensions (mm)



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