

# UNI-H1

## Fingerprint Access Control Terminal

### OVERVIEW

The Uni-H1 Fingerprint Access Control Terminal is an ideal security solution for countless situations. The Fingerprint Access Control Terminal features a tamper alarm and duress alarm function for additional security. The Uni-H1 Access Control Terminal also supports the third party alarm input and features a massive capacity of 3000 users, 3000 fingerprints and 100,000 event records.

- Person information structure: based on employee ID
- Integrated management of access control and the attendance
- 2.4-inch LCD screen to display the time, the date and swiping/fingerprint authentication results
- Remotely registers fingerprints from the terminal to software
- Max. 3000 users, Max. 3000 fingerprints and Max. 100,000 event records



Fingerprint Recognition



Card Recognition



Wi-Fi Enabled



Operating system	Linux
Storage	Up to 3000 valid cards; Up to 100,000 event records; Up to 150,000 attendance records
Fingerprint capacity	Up to 3000 fingerprints; up to 10 fingerprints for each person
Fingerprint Comparing Mode	1:1 and 1:N, N=3000
Card reading response duration	< 1 s
Fingerprint authentication duration	< 1 s
FAR (False Acceptance Rate)	≤ 0.001 %
FRR (False Rejection Rate)	≤ 0.01 %
Fingerprint recognizer	Optical fingerprint recognizer module
External card reader	Standard Wiegand26/34
Keypad	Keypad (backlight)
Reset key	× 1
Communication interface	TCP/IP, RS-485 (for secure door control unit), Wiegand output (W26/W34) and input (Wiegand 26/34)

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Wi-Fi	Support
Wiegand interface	Output: Wiegand 26/34; Input: Wiegand 26/34
Transmission rate	TCP/IP: 10/100Mbps, self-adaptive; RS-485: 19200 bps-N-8-1
Input interface	Exit button × 1, door contact × 1 and alarm input × 1
Output interface	Relay (lock output) × 1, and alarm output × 1
USB	USB 2.0; type A
LCD screen	2.4-inch (320× 240 LCD-TFT display screen)
Audio	1 buzzer and 1 loudspeaker
LED indicator	Power/status (red/green)
Power supply	12 VDC/1 A
Working temperature	-10 °C to +55 °C
Working humidity	10% to 90% (no condensing)
Tamper-proof	Support
Dimension (L × W × H)	205 mm × 76.5 mm × 37 mm
Installation	Surface mounting, metal door mounting, installation with gang box

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