



AVAILABLE MODELS

BioHS 01 (EM Card, Fingerprint) / (M1 Card, Fingerprint)



MAIN FEATURES

- Integrated management of access control and the attendance
- 2.4-inch LCD screen to display the time, the date and swiping/fingerprint authentication results
- Supports registering fingerprints from the terminal to software remotely
- Max. 3000 users, Max. 3000 fingerprints and Max. 100,000 event records
- Two attendance authentication modes: authentication by person, authentication by device
- Stand-alone operation: locally add person, card and fingerprint information
- Exports the swiping card data and the attendance report to the USB
- Up to 32 normal shifts and up to 32 man-hour shifts can be configured
- Up to 32 attendance holiday schedules and up to 128 access control holiday schedules can be configured
- Generates the attendance report automatically and view the attendance data easily
- The doorbell can connect the third party bell
- Tamper alarm and duress alarm function
- It is available to connect the external secure door control unit via RS-485 to avoid the door opening when the terminal is destroyed
- Intelligent English input
- Supports the third party alarm input.

SPECIFICATIONS

Model Parameters	BioHS 01		
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 Accept Rate)	≤ 0.001 %		
FRR (False Rejection Rate)	≤ 0.01 %		
Fingerprint Recognizer	Optical Fingerprint Recognizer Module		
External Card Reader	Standard Wiegand26/34		
Card Reading Mode	Not Support	Supports Mifare Card, Including Cards with Special Shapes; Supports Reading Card in Metal Environment	Supports EM Card, Including Cards with Special Shapes; Supports Reading Card in Metal Environment
Card Reading Distance	Not Support	0 to 4.5cm	0 to 5cm
Keyboard	Keyboard (Back Light)		
Reset Key	× 1		
Communication Interface	TCP/IP, RS-485 (For Secure Door Control Unit), Wiegand Output (W26/W34) and Input (Wiegand 26/34)		
Wi-Fi	Support		
Wiegand Interface	Output: Wiegand 26/34; Input: Wiegand 26/34		
Transmission Rate	TCP/IP: 10/100Mbps, Self-adaptive; RS485: 19200 bps-N-8-1		
Input Interface	Exit Button × 1, Door Sensor × 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/2 A		
Working Temperature	-10 ° C to 55 ° C (14 ° F to 131 ° F)		

Working Humidity	10% to 90% (No Condensing)
Water-Proof	IP42
Temper-Proof	Support
Appearance Color	Black (Included), Gold (Optional), Silver (Optional), White (Optional)
Dimension (L × W × H)	205 mm × 76.5 mm × 37 mm (8.07" × 3.01" × 1.46")
Installation	Surface Mounting, Metal Door Mounting, Installation with Gang Box