

HP 4000

Product Description

The HandPunch® 4000 brings the flexibility of a full function time and attendance terminal together with the sophistication of the most accurate identification technology available. Using field-proven hand geometry biometric technology, the HandPunch 4000 uses the size and shape of your employee's hand to verify their identity each time they punch. No fingerprints or palm prints are utilized. The cost of creating and administering badges is eliminated along with buddy punching. An employee's identity is verified in less than one second.

More than a simple time and attendance terminal, the HandPunch 4000 lets you tailor the system to meet your precise needs.



Functions

Standard



Optional



Features

- Saves money over card-based systems
- Eliminates badges
- Eliminates buddy punching
- Fast and easy to use
- Provides the most accurate time and attendance solution available
- Antimicrobial protection
- Programmable data management keys

HP4000 Specifications

Capacity

User Capacity	530, expandable to 3,498
ID No. Length	1 to 10 digits from keypad /card
Memory Retention	Up to 5 years via the standard lithium battery
Transaction Storage	7680 transactions
Template Size	9 bytes

Handscan Algorithm

Verification	< 1 seconds
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Display

Screen	3 Inch LCD Display
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Environment

Oper. Temp	0°C - 45°C
Non-Oper. Temp	-10°C - 60°C

Power

Power	12 to 24 VDC or 12 to 24 VAC 50-60 Hz, 7 Watts
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Communication

Comm. Port	RS-485 (4 and 2 wire), R-232 Serial Printer Support or network communications
Baud Rate	300 to 28.8 Kbps

Duress

Duress Code	1 leading digit (user definable)
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Data Management Keys

Management Keys	10 user definable
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Internal Barcode Reader

Barcode Reader	Code 39, Interleaved 2 of 5
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Employee Messaging

Name	16 characters
Message	32 characters per message
Schedule	Definable for each employee

Door

Controls	Door Lock Output (Sinks 0-24 VDC, 100mA max), Door Switch Monitoring, Bell Ring Output (Sinks 0-24VDC, 100mA max)
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Card Reader

Input	Proximity, Wiegand, Magnetic Stripe, Bar Code (5 VDC provided by HandReader)
Output	Wiegand, Magnetic Stripe, Bar Code

Dimensions

Dimensions	223 x 296 x 217mm (W x H x D)
Weight	6 lbs (2.7kg)

Optional Functions

BB-200	Optional Battery Backup
DC-102	Data Converter (RS232 to RS-485)
EM-805	Memory Expansion (3,498)
EN-200	Ethernet Comm. Module
MD-500	Internal 14.4 Baud Dial-up Modem
WAR-EXT	1 year extended warranty

Connectivity Diagram HP4000

