



HandPunch 4000

TIME & ATTENDANCE TRACKING TERMINALS WITH
HAND RECOGNITION TECHNOLOGY

Overview

Celayix Solutions

The HandPunch 4000 brings the flexibility of a terminal together with the sophistication of the most accurate identification technology available. Using our hand geometry biometric technology, the HandPunch 4000 uses the size and shape of your hand to verify your identity each time you punch. No fingerprints or palms are utilized.

Easy and Cost Efficient

With the HandPunch 4000, your hand is your badge. The cost of creating and administering badges is eliminated along with buddy punching. The terminal is fast and easy to use with verification in less than one second.

HR Communication Tool

HandPunch 4000 lets you tailor the system to meet your precise needs. You can send messages to employees when they punch and they can view up to 24 information fields to find out more about their schedule.

HandPunch 4000 Features and Options

10 Programmable Keys

Ten user-definable keys let you collect and/or display data as your employees punch. Common data collection uses include department transfers and job codes. The keys can also be defined to allow employees to review punches or find out about their schedules, hours worked, and other programmed information. To reduce keystrokes, the keys can also be set to automatically enter data such as a frequently used department number or in/out status.

Other Data Key Features Include

- Employee messaging
- Review of user information fields
- Validation tables for proper data entry
- Restrict employee access to specific data
- Management keys
- User defined prompts
- Multi-level input sequence definable keys
- Decision menus to minimize keystrokes

Schedules by Employee

Employee schedules may be downloaded to the HandPunch 4000 to restrict the times that an employee can punch. This can reduce unauthorized overtime as well as early "in" punches.

Built-in Bar Code Reader

If badges are required, the HandPunch 4000 includes an integrated bar code reader that can be used for ID number entry. The swipe-type reader supports the most popular bar code formats and allows for infrared badges.

Communications and Networking

Standard RS-485 communications makes networking terminals easy and reliable. Options include Ethernet and a high speed internal modem for remote sites. Each unit also provides RS-232 serial printer support.

Edit-at-the-Clock Functions

Power users can be allowed to override user restrictions to input missed punches, planned vacations, etc. at the terminal. The password-protected mode provides greater supervisor flexibility and audit trails of the use of these functions ensure security.

Bell Schedules

If needed, you can program the time and duration of a series of bells to signal the beginning or end of a shift, lunch or break.

Door Control

Restrict access, unlock or monitor a door based on individual employee schedules.

Hardware Specifications



Optional Add-On:

- Operational Battery Backup
- Data Converter (RS-232 to RS-485)
- Memory Expansion – 3498 Users
- Ethernet Communications Module
- Internal 14.4 Baud Dial-Up Modem
- 1 Year Extended Warranty

Size	8.85 in (22.3 cm) wide 11.65 in (29.6 cm) high 8.55 in (21.7 cm) deep
Weight	6lbs (2.7kg)
Power	12 to 24 VDC or 12 24 VAC 50-60Hz 7 watts
Environment	Operating: 32-113 degrees F (0-45 degrees C) Relative Humidity: 20% to 80% NC Non-Operating (storage): 14-140 degrees (-10 -60 degrees C) Relative Humidity: 5% to 85% NC
Verification Time	Less than one second
Memory Retention	Up to 5 years via the standard internal Lithium battery
Transaction Storage	7680 transactions
ID Number Length	1 to 10 digits from keypad or card
User Capacity	530 users expandable to 3498 users
Template Size	9 bytes
Communications	RS-485 (4 and 2 wire) RS-232 Serial Printer Support or Network Communications
Baud Rate	300 to 28.8 Kpbs
Card Reader Input	Proximity, Wiegand, Magnetic Stripe, Bar Code (5VDC provided by HandReader)
Card Reader Output	Wiegand, Magnetic Stripe, Bar Code
Data Management Keys	10 keys, user definable supports, -Validation tables -Employee information fields, 24 max -Multi-level prompting -Key restriction by employee -Decision menus -Punch review
Employee Messaging	32 characters per message per employee
Employee Name	16 characters
Employee Schedules	Schedules definable for each employee
Internal Bar Code Reader	Code 39. Interleave for each employee
Door Controls	Door Lock Output (Sinks 0-24VDC, 100mA max) Door Switch Monitoring Bell Ring Output (Sinks 0-24VDC, 100mA max)

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