

The time involved in manual entry of data into accounting programs, loses companies thousands of dollars in payroll preparation costs



Thor Biometric Fingerprint Reader

The Thor uses field proven biometric fingerprint technology in combination with our highly rated InfiniTime 7.0 Labor Management System. The Thor brings you the power of an automated time & attendance terminal with integrated biometric technology, and a high-resolution color, graphical display. The Thor is compact in design and easy to use. It allows the user to clock in & out with the touch of a finger. The user also has the option of viewing their last recorded time, transferring departments, or even entering other information like tips, miles, etc.

The Thor is capable of access control functions. Use the relay contacts for door locks, exit switches, bells/horns or for alarms. The large LCD provides maximum readability and the on-board speaker provides audible and verbal confirmation of a complete or incomplete transaction.

The Thor also comes with an internal bell scheduler allowing you to use the internal speaker to signal common start, end and break times. The Thor is also capable of utilizing any of an employees fingerprints. The Thor is capable of holding 1,500 templates and 30,000 transactions, making the Thor perfect for any size company.

The Thor comes with a 50-Foot, RS-232 Serial Data Cable for direct communications to a PC. The Thor also comes standard with a TCP/IP Ethernet port for communications across a network. Data is Portable via the use of an external USB Drive. Optional WiFi Communications is also available.

Supplied By:

Carpenter's Time Systems

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how it works

The Thor is simple and fun to operate. The 65,000 Color LCD Display make completing task easy. Simply follow the directions on the screen to complete a transaction. By default customers use the One-Touch Identification, the employee simply places the fingerprint for verification. Alternatively, the Thor can be configured for Employees to either enter a PIN Number or Use Proximity Badges and then verify with a Fingerprint for added punch security.

The Thor is also capable of access control with the on-board dry-contact relays that comes standard. Dual-Mode can allow the Thor to be configured for Time Card Mode and/or Access Control Mode.

The data collected by the Thor Terminal is then sent to the InfiniTime Labor Management System. With InfiniTime, detailed reports can be generated, exceptions tracked and data passed on to payroll for check

Features and extras

Can read any fingerprint! (Not limited to the index fingerprint)
Access Control Relay functionality with TTL and Alarm

One year parts and labor warranty
Optional backup battery available

Large backlit 65,000 Color Display for easy operation
Store 30,000 user transactions on-board

Alarm indicator for full memory or others errors
Optional internal bell scheduler

Real time labor data collection for constants updates
Connect to InfiniTime via RS-232 or TC/IP (Network)

Optional Proximity, HID Badge or Mifare Reader available
Optional WiFi connection available

THOR

save money

- Replace badges with fingerprint identification
- Save precious time with pinless entry
- Reduce overtime by locking out early punches
- Reduce labor management time with realtime data
- Use access control capabilities at anytime

increase productivity

- Employees clock in faster with 1 touch verification
- Department transfers done in one transaction
- Employee can view last recorded time
- Quickly enter tips, miles, commission etc.
- Swipe and go system insures better accuracy
- Contactless badge reader reduces maintenance
- Linux based operating system for reliability
- Quick audible verification of transaction

expandability

- Choose to use direct connect or TCP/IP Ethernet
- Add multiple terminals for additional users
- Capable of handling an unlimited amount of users
- Use in combination with any of our product line
- Optional backup battery ensures operation

connection methods

- Direct connection to the computer via RS-232
- Internal 10mb/100mb TCP/IP connection ready
- Optional WiFi connection available
- Download data to USB Drive!

*beauty,
strength
&
security*



applications

The Thor holds 1,500 fingerprint templates, and over 30,000 punch transactions, making the Thor a good fit for almost any organization. Pinless fingerprint identification technology makes the punching process quick and easy; giving you the ability to process large groups of employees. The Thor can be mounted to a wall for permanent time tracking in a single location or used as a mobile device where there is no physical connectivity to the InfiniTime Software. Simply download data via external USB Drive. The Thor also doubles as an access control device.

With four different connection methods, access control capabilities and the two ways it collects data makes the Thor a versatile terminal, prime for a fast return on investment.

technical specifications

Size: 6.3" (width) x 5.5" (height) x 1.7" (depth)

Weight: 1.5 lb

Display: Character LCD, 16 x 4

Power: 12V DC, 400mA

Relay Output: 12V DC, 3A with ZK Power Supply

Operational Temperature: (0°C to 45°C)

Verification Time: 1 second

Identification Time: <= 2 seconds

Memory Capacity: 8 Mb Flash Memory

Transaction Buffer: 30,000 Transactions

User Capacity: 1,500

External Ports: RS-232, TCP/IP, USB Out, Wiegand

Operating System: Linux

Read Range: 10-15 cm

LED Indicator: 2 Array LED Indicators (Red, Green)