

# The Intelligent Terminal™ 900

## With Biometric Finger Reader Option

**This state-of-the-art time recorder is easy to install, easy to use, and easy to service.**

**The biometric finger reader positively identifies each employee.**

The compact design of the I.T. 900 makes it easy to install almost anywhere. The finger reader option positively identifies each employee and eliminates buddy punching. There is no question; your employee has to be there to punch.

During enrollment, the reader stores a unique digital template for each employee. When punching in or out, the I.T. 900 compares the reading from the employee's finger with the digital template that is stored for that employee. If there is a match, the punch is accepted.

Punches are stored in the I.T. 900 for retrieval by a time and attendance system such as Attendance Enterprise, Attendance Professional or Attendance Plus.

RS485 communications allow you to connect multiple I.T. 900s to a single PC. With the optional network interface, you can connect the I.T. 900 directly into your network.

### **Preserving privacy**

When a finger is scanned, only the digital template of the fingerprint is stored to protect employee privacy. The fingerprint itself is not saved nor can the fingerprint be recreated from the digital template.

### **Verify vs. Identify**

The I.T. 900 time recorder can be purchased with either a "verify" or "identify" finger reader option.

- **Solid-state sensor**
  - **Verify or identify options**
  - **Fast and easy enrollment**



With the **verify option** the employee first swipes a badge or enters a PIN number and then places a finger on the sensor. The I.T. 900 compares the signal from the sensor with the one stored in memory for that employee.

With the **identify option** the employee simply places a finger on the sensor and the I.T. 900 searches all templates stored in memory to find a match.

**INFOTRONICS®**



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### Features

- Badge Reader Options:** Magnetic ISO 3554 or BCD track 1 or 2; high to low density.  
Auto discriminating infrared bar code using Code 3 of 9, Code 128, I2 of 5, EAN, Codabar and UPC-A symbologies.  
Motorola Indala radio frequency proximity.  
H.I.D. Proximity
- Alpha Numeric Display:** 40-character backlit LCD display. Two lines of 20 characters each for display of employee name, messages, and schedules on demand. Time displayed in 12 or 24-hour format, with or without seconds.
- Keyboard:** Numeric keyboard with 3 function keys (9 numerical keys can also be programmed as function keys).
- Punch Indicators:** Red and green light and adjustable internal beeper to indicate valid transactions.
- Resident Application Programs:** Application programs stored in battery protected RAM.
- Communications:** RS232 and RS485.
- Automatic Daylight Savings Time Adjustment:** Automatic forward and backward time adjustment.
- External Output Relay:** Dry contact relay for bell ringing or electronic door locks.
- Memory:** 512K RAM.

### Performance

- Performance Time:** Enrollment Time 5 Seconds  
Verification Time 2 Seconds  
Identification Time 5 seconds

### Technical Specifications

- Dimensions:** 8.3" W x 6.4" H x 3.0" D (21.0 cm W x 16.2 cm H x 7.6 cm D)
- Weight:** Approximately 1.5 lbs. (0.63 kg)
- Power:** 13.5 - 28.0 VDC, 2.2 Watts (120 VAC adapter standard — UL and CSA approved)
- Humidity:** 20% - 90% non condensing
- Temperature:** 5° C to 45° C
- Accuracy:** +/- 15 seconds per month

### Options

- Backplate options:** Include standard screw-down terminal blocks, and RJ45 and RJ11 socket connectors.
- Modem:** 14.4 internal modem.
- Network Interface:** Internal network adapter using TCP/IP, internet ready.