

# TA745 Data Collection Terminal

Eliminate Buddy Punching Without Breaking Your Budget!

## Features:

- Eliminates Manually Calculated Time Card Data
- Costs Less Than Other Biometric Timekeeping Products
- High resolution 500 dpi Fingerprint Reader, Stores up to 9000 Fingerprint Templates
- Links Directly To Your Existing Computer System
- 3 Function Keys
- Alphanumeric Keypad
- Accept/Reject Tones
- Integrated Signal Control Bell Relay
- Four Methods of Background Communications Including On-board Wireless 802.11b
- Magnetic Stripe, Proximity and/or Fingerprint Reader (1:1 Verify & 1: N Identify modes)
- Supervisor mode
- Employee Messaging
- Supports Power over Ethernet
- Supports external readers such as Bar Code Wand/Gun or Access Control reader
- Built-in Two-Hour Operational Battery Backup



*An Affordable Performer for Biometrics Applications!*

Time America's **TA745 Biometric Time & Data Terminal** can record employee time, allow employees to **transfer** between **departments/jobs** and accept tip inputs. The **TA745** is perfect fit for a multitude of industries including **restaurants, hospitals, healthcare facilities, banks, manufacturing, retail, hospitality**, and many others.

The **TA745** functions as a simple to use data collection point for employee information. It can be linked to a variety of existing computer networks in your organization to complement the management information systems you already have in place. **By automating** your data collection process, you can **eliminate** the **clerical labor** and **mistakes** associated with conventional time cards thereby **reducing** both **payroll costs** and **errors**.

The **TA745** guarantees **accurate**, reliable input. Employees simply enter information through the **TA745's** keypad, by swiping a magnetic stripe or proximity badge. In addition, the **TA745's Biometric** capability positively identifies the employee, **eliminating buddy punching**. Employee feedback is provided through audible accept/reject tones and displayed messages.

Communication between the **TA745** is on a polled basis. Entering punches is as easy as swiping a **badge** or keying in

a **pin number**. Alternately, an employee can press a function key and be prompted to enter additional information such as a department or job number. In restaurant environments the **TA745's** Tip key can accept up to two types of tip inputs, cash and charge. Each piece of information is **stored** in the **terminal's memory** until requested (polled) by the host computer. The **TA745** can be programmed to display **employee messages** and **control a bell**. The **TA745** collects this data and transfers it to your computer via **RS232 serial, RS485 LAN, internal dial-up Modem** or **Ethernet** communications, whether wired or **wireless**.

The **TA745** is constructed of injection-molded plastic that provides a tough, yet lightweight and attractive case. The **TA745's standard** internal **battery** provides up to **two hours of full operation** if power is lost.

**Accurate** tracking and reporting of **employee time** is **essential** to determining **productivity**. The **TA745** provides an **easy** and **cost effective** means of gathering this type of data. If the data you're after can be mag-stripped, proximity encoded, entered through a keypad or biometrically identified, the **TA745** can **time stamp** it, **record** it, and feed it to your computer, while performing other tasks at the same time. Put the **power of automated data collection** to use in your business!

## Benefits

**Eliminates the unavoidable errors associated with manually collected time card data**

**Features easy operation**

**Provides accurate, reliable data**

**User programmable**

**Links directly to your existing computer system**

**Offers a variety of options**

**Rechargeable back-up battery enables over 2 hours of full operation during power failure**

**Costs less than other biometric data collection products**

## Product Specifications

Dimensions:	9.8" x 6.7" x 3.7"
Weight:	2.5 lbs.
Memory:	256K RAM, Battery Backed
Reader:	Magnetic Stripe (track 1,2 or 3) Proximity Reader (HID 26 Bit) Fingerprint (1:1 validation or 1:N identification)
Display:	2x16 LCD backlit Alphanumeric with Decimal Point
Programming:	ASCII-based, Over Communication Port
Communications:	Bi-directional Local Communications Via RS232 Port RS485 LAN Optional 14.4 Baud Modem Optional 10/100 Ethernet
Power:	Voltage: 110/230 Vac + 10%, 100mA
Environment:	Operating Temperature: -20 - 60C Humidity: up to 95% RH

## Available Options

**Ethernet Communications:** With the optional internal Ethernet card, the terminal can be connected to any 10/100 Ethernet network

**Modem Communications:** With the optional internal Modem card, the terminal can be located remote to the host location and dialed up using standard analog telephone lines at a speed of 14.4 Baud

**Wi-Fi Wireless Communications:** The optional wireless card allows the TA745 to communicate over a standard 802.11b network. The wireless network must be configured with an IP address, gateway, subnet, and WEP key (if available).

**P.O.E (Power over Ethernet):** When there is no power source nearby, the TA745 has the optional capability of drawing its power from the Ethernet communications line (Ethernet line must support POE). This eliminates the need for high voltage power at the terminal location.

**Biometric Fingerprint Reader:** The TA745 can store up to 9,000 Fingerprint templates for biometric verification (1 to 1) or identification (1 to many). The terminal utilizes a High resolution 500 dpi finger template.

**External Reader:** The TA745 has two reader ports to connect external devices such as a Bar Code gun or an Access Control Swipe Reader that could be mounted outside a door.

## Features

**Three Programmable Functions:** Each function key can be programmed to collect pre-defined data, plus the initial employee I.D. and time stamp. For example, an employee could press the Job key and be prompted to input a work order number.

**Durable Construction:** The TA745 is constructed of injection molded plastic, which, pound for pound is stronger than steel, yet lightweight and attractive. The terminals have domed membrane keypads, which create a watertight seal against external elements, including dust and minor spills. Also, includes an integrated wall-mounting bracket.

**2x16 Character LCD Backlit Display:** The terminal comes with a highly advanced filtered LCD display. This means that under almost any lighting condition the terminal's display is easy to read.

**Battery Backed Memory:** The TA745 comes standard with a rechargeable operational battery, which provides over **2 hours of full operation during power failure**. A warning indicator light on the terminal keypad alerts you to loss of line power. In addition, the TA745 has an internal Lithium battery backup keeping your data safe even if the power is out for weeks. The terminal's internal Lithium battery not only holds the memory, but also keeps the time and calendar accurate.

**Employee Messaging:** After the employee enters their ID, the terminal can display a 16-character such as the employee's name, hours worked, or location to report to. Messages can be global (i.e. "MEETING AT 10AM") or personalized (i.e. "HAPPY BIRTHDAY"), giving your data collection terminal a human touch. In addition, message tables can be accessed through the terminal's function keys. These message tables can be used to display information such as the employee's hours, schedule and benefits balances.

**Signal Control:** With the TA745's internal relay, the terminal can control a 30 Vdc, 1 A dry-contact circuit. The signal control relay can be turned on by time of day and day of week for bell ringing. Each signal's duration time is also programmable. i.e.: warning bell is 3 seconds, end of break is 6 seconds (Requires optional software module)

**Strict Manufacturing Standards:** Time America's TA745 data collection terminals have been tested for optimal reliability. A high MTBF ensures virtually uninterrupted performance. The sealed keypad and the unique ergonomic design reduce maintenance costs. The terminals are certified to CE and are manufactured to ISO-9001.