

TM620 Data Collection Terminal

Enhanced Memory for High Volume Applications

Features:

- Eliminates Manually Generated Time Card Data
- Costs Less Than Other Automated Timekeeping Products
- Links Directly To Your Existing Computer System
- Alphanumeric Keypad
- Accept/Reject Tones
- Signal Control
- Four Forms of Background Communications
- Magnetic Stripe, Bar Code, Or Optional Internal Proximity Reader
- Data Input Validation
- Supervisor Editing
- Lockout Scheduling
- Employee Messaging
- Transaction Print
- Sturdy Molded Plastic Construction
- 12 Programmable Function Keys
- Bar Code Wand/Gun Port



Sierra Workforce Solutions' TM620 Time & Data Terminal can record employee time, monitor productivity, control access and monitor inventory in a multitude of industries including restaurants, hospitals, health care facilities, banks, manufacturing, retail, hospitality, and many others.

The TM620 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 manpower and mistakes associated with conventional time cards thereby reducing both payroll costs and errors.

The TM620 guarantees accurate, reliable input. Employees simply enter information through the TM620's keypad, by swiping a magnetic stripe, bar code, or optionally by proximity badge. Employee feedback is provided through audible accept/reject tones and displayed messages.

Communication between the TM620 and your computer is accomplished by one of Sierra Workforce Solutions' polling and programming utilities or integrated time and attendance systems. The TM620 automatically transfers data to your computer. In turn, the computer is used to program the TM620. Each of the TM620's 12 function keys can be programmed to ask up to six levels of information. Each

piece of information can be validated and stored in the terminal's memory until requested by the host computer. The TM620 can be programmed to prompt employees for data input, display employee messages, validate job costing entries, restrict employee punching via a schedule, regulate employee access to restricted areas, control a bell, allow supervisor punch lookup/editing, and much more. The TM620 collects this data and transfers it to your computer via RS232 serial, RS485 LAN, internal dial-up modem or optional Ethernet communications.

The TM620 is constructed of injection-molded plastic that provides a tough, yet lightweight and attractive case. The TM620's internal lithium battery keeps your data safe and the time/date accurate even if power is out for weeks.

What kind of data would you like to collect? Accurate tracking and reporting of employee time is essential to determining productivity. The TM620 provides an easy, cost effective means of gathering and reporting employee data. Put the power of automated data collection to use in your business

Benefits

- Eliminates the unavoidable errors from manually collected data
- Features easy operation
- Provides accurate, reliable data
- Is user programmable
- Links directly to your existing computer system
- Offers a variety of options
- Costs less than other automated data collection products

Product Specifications

Shipping Weight:	8 lbs.	Dimensions:	9" x 6" x 2-1/2"
Memory:	64K EPROM, 128K RAM, Battery Backed, Upgradeable To 256K	Microprocessor:	Z-180 CPU
Card Reader:	Track Two Magnetic Stripe Reader Optional "3 of 9" Bar Code Reader Optional Proximity Reader	Display:	40-Character Backlit LCD Alphanumeric With Decimal Point
Programming:	ASCII-based, Over Communication Port	Communications:	Bi-directional Local Communications Via RS232 Port RS485 LAN Optional Auto-answer 2400 Baud Modem Optional Ethernet
Power:	Transformer: 120VAC, 60HZ Terminal: 9VAC or DC, 500mA	Environment:	Operating Temperature: 0-40C (32-104F) Storage Temperature: -18-70C (0-158F) Humidity: 5% to 90%, Non-condensing

Available Options

Signal Control: With the optional Bell/Access Module and signal control relay, the terminal can turn on a 120VAC 10AMP circuit. The signal control relay can be turned on by both a specific employee badge/ number for access control or by time of day for bell ringing. The duration time is also programmable.

Signal Enhancer: For noisy environments, this external box has an adjustable piezo buzzer and green/red, accept/reject lights that sound/flash in conjunction with the terminals standard accept/reject tones.

Transaction Print: Enables the Supervisor to print transactions by employee, by date, or print all transactions for one particular function key. In addition the terminal can be programmed to print transactions as they occur.

Bar Code Wand, Laser Gun, or Slot Reader: Allows you to connect an external bar code reader for job costing or access control data entry.

Operational Battery Backup: With the addition of the external battery backup, all terminal functions remain 100% operational in the event power is removed.

Features

Supervisor editing: The terminal has a supervisor mode, in which any transaction can be entered for the employee at the time it should have taken place. The supervisor mode also allows you to recall and delete previous employee transactions by date, time and employee number.

Data Input Validation: The TM620 eliminates key stroke errors and increases job costing accuracy by allowing you to download tables of valid entries. When an employee keys or swipes a number, it is compared to the numbers you downloaded for validity. The terminal will correspondingly reject and accept entries, while optionally displaying the particular item name. Employees may also be restricted from entering unauthorized departments on an individual basis.

Lockout Scheduling: Eliminate unauthorized overtime by scheduling when employees can use the terminal. With this feature you can lock out tardies and early birds, force late arrivals or early departures, control punching by time of day, day of week and much more. Supervisors can be given rights to override a lockout, approve punches and more. When used with access control, you can set up time schedules for employee access.

12 Programmable functions: Each function key can be programmed to collect up to 6 items of data, plus the initial employee I.D. and time stamp. For example, an employee could press function key 2 and be prompted to input a work order number, part number, and then prompted to input a quantity.

40 Character backlight LCD display: The TM620 comes with a highly advanced backlight liquid crystal display providing a clear picture under almost any lighting. The terminal also supports characters such as <space>.

Durable construction: The TM620 is constructed of injection-molded plastic, which is pound for pound stronger than steel, yet lightweight and attractive. The terminals have a silicon rubber keypad, which creates a seal against the outside elements, including those found in a spilt cup of coffee. The terminal comes with an integrated wall-mounting bracket.

Battery backed memory: The TM620 has an internal Lithium battery 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. With the addition of the optional internal battery backup, all functions are 100% operational if power is removed. Once power resumes, the battery automatically recharges.

Employee Messaging: After the employee enters their ID, the terminal can display a 16-character message such as the employee's name, hours worked, or location to report to. Messages can be personalized (i.e. "HAPPY BIRTHDAY"), giving your data collection terminal a human touch.