

# Bar Code Auditor PowerPad™ Fee Computer



from your fee computers. It tallies, counts and controls your revenues.

## Ticket Tracking System

The Ticket Tracking System automatically maintains accurate audits of the facilities ticket stack. When a ticket is issued at the Bar Code Ticket Spitter, it provides the ticket information to the SCAN/Scan Net System database. The central computer uses this data to maintain a file of all issued or outstanding tickets in the system.

As the cashier enters the ticket, the Bar Code Auditor PowerPad automatically request information about the ticket from the SCAN/Scan Net System database. The database tells the fee computer which lane issued the ticket, the time and date it was issued, the ticket type, and the fee table to use to compute the fee.

As the ticket is processed by the Bar Code Auditor PowerPad, the ticket number and transaction detail is sent to the central computer. The central computer removes the ticket from the outstanding ticket stack and saves the information in a Validated Ticket File. Ticket Tracking allows you to determine the outstanding revenues to be collected in your facility at any given time.

## Automatic Fee Calculations

Designed to handle demanding revenue control

requirements, the Bar Code Auditor PowerPad delivers machine readable speed and accuracy for secure control. With a simple swipe of a bar code ticket, automatic fee calculations are made instantly, eliminating cashier errors and reducing transaction times. This on-line system maintains a precise audit of the ticket stack and produces comprehensive statistical reports on all the activities in the parking network.

## On-Line System

The Bar Code AutoRead System, which includes the Bar Code Ticket Spitter and Bar Code Auditor PowerPad Fee Computer, operates on-line to the PC-based SCAN/Scan Net System. This fully interactive software package allows you monitor, control and develop reports on all the activities in your parking system from one centralized location.

With this two-way communicating system, instructions and programming data can be prepared on the central computer and transferred to the remote Bar Code Auditor PowerPad. It is also possible to transfer transaction data and activities (including current programming) from the fee computer to the central computer.

## Central Computer Control

Computer control means saying good-bye to searching through stacks of cashier tapes and piles of tickets to assemble financial data. The powerful SCAN/Scan Net System produces current and accurate records of cashier shift totals, tickets, merchant validations and other daily transactions

## Features:

- On-line fee computer for automatic fee calculations
- Fast transaction processing with bar code technology
- 4 line x 40 character display
- High-speed printer validates tickets and prints 40 column receipt and journal tapes
- 12 Fee Tables available
- 200 Attendants available
- 208 Merchant Accounts available
- 6 Tax Tables available
- Comprehensive cash audits and reports include:
  - Cashier Reports • Lane Reports
  - Tax Reports • Merchant Reports
  - Time Card Reports
- Statistical reports (with percent analysis) include:
  - Entry Reports • Exit Reports
  - Entry/Exit Reports
  - Revenue Reports • Duration of Stay Reports

## Options:

- Second cash drawer
- Validation/Voucher Systems
- Currency exchange processing
- Ticket Tracking System software
- Networking capabilities for central data processing



Automatic fee calculations



**FEDERAL APD**

Federal Signal Corporation

# Bar Code Auditor PowerPad™ Specifications

## 1. Purpose

The Federal APD Bar Code Auditor PowerPad Fee Computer shall be a revenue control device that provides automatic fee calculation and reporting features at the cashiering station of a parking facility. The bar code reader of the Auditor PowerPad shall allow the cashier to swipe bar code tickets (issued at the entry lane) to enter the ticket data into the fee computer. The ticket information is sent to the central SCAN/Scan Net System computer, which determines the entry time of the ticket, and sends this information back to the fee computer to compute and display the fee.

## 2. Features/Functions

The Bar Code Auditor PowerPad shall be programmable and operable locally at the fee computer by authorized operators. The Bar Code Auditor PowerPad shall provide the following user-programmable features:

- a. The Bar Code Auditor PowerPad operator display shall be a four line by 40 character liquid crystal display (LCD). Menu paths shall display on the bottom line of the visual display during programming and reporting.
- b. The operator shall be able to print programming either as a report or during the programming of a particular function.
- c. Currency exchange processing and reporting shall be available as an optional software package. Up to four different currencies shall be maintainable and reportable.
- d. The Bar Code Auditor PowerPad shall provide user-programmable attendant assignments. There shall be 75 attendants standard, with an option for a total of 200 attendants. Each attendant shall be user assignable as cashier, supervisor, and/or master operator in any combination.
- e. The Bar Code Auditor PowerPad shall provide 26 Merchant Accounts standard, with option which provide for a maximum of 208. Each account

shall be uniquely programmable as either a Charge Account, a Validation Account, a Voucher Account, or a combination of Validation and Voucher Account.

- f. The Bar Code Auditor PowerPad shall provide six user-programmable Fee Tables with an option package of twelve Fee Tables. The device shall provide the ability to test fee structures to verify the accuracy of programming.
- g. The keyboard for the Bar Code Auditor PowerPad shall be user-defined. Alpha keys may be defined as QWERTY (typewriter) style keys, ABC style, or custom defined, in which the user shall define placement of each key function on the keyboard.
- h. The Bar Code Auditor PowerPad shall provide user-defined functions for the following under Key Programming (with appropriate software): Cash, Alternate Payment, Date, Time, Fee Select, Prepay, Lost, Deposit/Withdrawal, Debit/Refund, No Sale, Receipt, Recall, Void, Clear, Miscellaneous, Currency Exchange, Ticket Number, License Number, Voucher, ValueCard, Credit Card, Recall, Duress, Issue Ticket, and more.
- i. There shall be six programmable taxes available. Each tax shall be programmable as unused, a predetermined flat (fixed) tax amount, a predetermined flat tax amount per day or a percentage from .001% to 100%. There shall be an option for back out or add on taxes. There shall be an option to compound taxes.
- j. The Bar Code Auditor PowerPad shall provide detailed revenue, operational and statistical reports. The Bar Code Auditor PowerPad shall allow for local requesting of reports and clearing totals from the fee computer. The reports shall include Cash Report, Lane Report, Time Card Report, Merchant Report, Tax Report, Entry Statistics

Report (up to eight different reports), Exit Statistics Report (up to eight different reports), Entry/Exit Statistic Report (up to eight different reports), Duration Statistic Report (up to eight different reports), and Revenue Statistic Report (up to eight different reports).

- k. The Bar Code Auditor PowerPad Fee Computer shall be UL Listed (Canada/U.S.), and shall be available with the CE Mark.

## 3. Dimensions

- a. The Auditor PowerPad Fee Computer terminal shall be 12 <sup>1</sup>/<sub>4</sub> inch W x 6 <sup>7</sup>/<sub>8</sub> inch H x 9 <sup>3</sup>/<sub>8</sub> inch D (311mm W x 175mm H x 238mm D).
- b. The Auditor PowerPad Printer shall be 10 inch W x 8 inch H x 11 <sup>3</sup>/<sub>4</sub> inch D (254mm W x 203mm H x 300mm D).
- c. The standard cash drawer (4 coin/4 bill compartments) shall be 13 inch W x 3 <sup>1</sup>/<sub>2</sub> inch H x 16 <sup>5</sup>/<sub>16</sub> inch D (330mm W x 90mm H x 415mm D).

## 4. Electrical

- a. The power supply input to the Bar Code Auditor PowerPad Fee Computer shall be universal: 90-264 VAC/47-63 Hz. The input voltage to the fee computer terminal shall be +24 VDC or +12VDC.

## 5. Bar Code Slot Reader

The Bar Code Slot Reader is designed to provide excellent scanning performance. The reader contains a unique optical/electrical system that integrates over a large area of the bar/space pattern, providing an optimum first read rate even on poorly printed bar codes.

- a. Optics and electronics shall be housed in a rugged metal case. The case shall be fully gasketed and sealed.
- b. The optical system shall be centered in the slot track, allowing the user to easily scan from either direction. A wide slot width shall make it easy to insert and slide the tickets.
- c. The optical system shall be covered with a recessed window to prevent contamination and reduce wear.



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