

Automatic Cashiering Terminal



Unmanned Exit Cashiering

The Automatic Cashier Terminal (ACT) allows

parking patrons to pay fees at an unmanned exit cashiering booth. Ideal for express lanes or after-hours transactions, the ACT enables the exit lane to be operated without an attendant by processing parking fees with cashless payment options.

Convenient Operation

The Automatic Cashier Terminal features a weatherproof enclosure with an easy-to-read message display that extends outside of the cashier booth for access. To use, a parking patron inserts a transient parking ticket into the device, which calculates and displays the fee due. The customer may pay the fee with credit card, ValueCard (Federal APD's prepay parking system), parking voucher, or merchant validated ticket. A receipt is issued on demand when the patron presses the receipt button. If the fee has been satisfied, the ACT responds with "Thank You" message and raises the barrier gate.

The patron may cancel the transaction by pressing the Cancel button at any time before the credit card, ValueCard, or voucher is inserted into the unit.

Dependable Components

The Automatic Cashier Terminal consists of a weatherproof cabinet, which holds the Receipt Printer and its internal SST/HP-1 or SST/HP-4 Transport mechanism. The Transport and Receipt Printer are connected to an Auditor PowerPad Fee Computer that is in the cashier booth.

The unique design of the SST Transport allows the system to process a wide variety of tickets and cards through one single transport slot. This makes the ACT easier and more convenient to use for the patron.

Each peripheral device is directly controlled by an Auditor PowerPad Fee Computer, which is located inside the cashier booth. The Auditor PowerPad calculates the fee, which is displayed on the ACT terminal and on an optional internal/external fee display.

Tickets processed in the system may be captured and deposited into a ticket vault located behind the unit, if the integrated Auditor PowerPad Fee Computer is programmed this way. All transactions are logged internally and, if online with the PC-based ScanNet Central Management System, at the central computer station for complete audit control.

Features:

- Keeps exit cashiering lanes open without a cashier
- Payment options include:
 - Credit Card
 - ValueCard
 - Merchant Validated Ticket
- Receipt issued on demand
- The device may extend up to 4 inches (100 mm) from the outside booth wall for easy patron access
- 2-line x 20-character LCD display
- SST Transport and Receipt Printer easily accessible from inside the cashier booth
- Three Modes of operation:
 - Cashier Mode (ACT operates with an attendant present)
 - Unmanned Mode (ACT operates without an attendant)
 - Logged Off Mode (no transactions can be processed)



Unmanned Exit Cashiering



FEDERAL APD

Federal Signal Corporation

Automatic Cashiering Terminal Specifications

1. Purpose

The Federal APD Automatic Cashiering Terminal (ACT) shall be a device that enables a parking facility exit cashiering booth to be operated without an attendant.

2. Features/Functions

- a. The ACT shall accept the following to determine the parking fee: (1) ValueCards, (2) Magnetic stripe transient tickets (including those with hole-punched validations), (3) Prepaid exit passes.
- b. The ACT shall accept the following as payment for the parking fee: (1) ValueCards, (2) Credit cards, (3) Vouchers (magnetic stripe only).
- c. The ACT shall contain either an SST/HP-1 Transport or SST/HP-4 Transport, which is connected to an Auditor PowerPad Fee Computer located inside the cashier booth.
- d. The ACT shall have a Receipt button on the faceplate, which allows the patron to request a receipt of the transaction.
- e. The ACT shall contain a receipt printer, which is connected to an Auditor PowerPad Fee Computer located inside the cashier booth.
- f. The ACT shall have a 2 line x 20 character LCD display on the faceplate that displays messages to the patron.
- g. The ACT shall have a Cancel button on the faceplate, which allows the patron to cancel the transaction.
- h. The ACT shall operate in one of three modes: (1) Logged Off Mode, (2) Unmanned Mode, (3) Cashier Mode.
- i. In Logged Off Mode, the ACT is inactive; no transactions can be processed using the ACT. The ACT displays the message "Out of Service."
- j. In Unmanned Mode, the ACT is active and operable without a parking attendant. All transactions must occur using the SST Transport in the ACT; all receipts will be issued from

the ACT printer. The ACT displays the messages "Ready," "Please Insert Ticket," "Please Pay \$*n.nn*," "Insert Card Only," and "Thank You."

- k. In Cashier Mode, without the optional tabletop SST Validator at the booth, the patron shall insert the ValueCard, ticket, or exit pass to be read by the SST Transport. The patron shall pay for the parking fee with the ValueCard, credit card, or magnetic stripe voucher. Cashier duties shall depend on how the Auditor PowerPad is programmed, but shall include accepting cash payments, and other payments if necessary, from the patron. The receipt shall be issued from the cashier. The ACT displays the messages "Ready," "Please Insert Ticket," "Please Pay \$*n.nn*," or "Insert Credit Card," and "Thank You."
 - l. In Cashier Mode, with the optional tabletop SST Validator at the booth, the ACT operates as in Logged Off Mode. The tabletop SST Validator and tabletop receipt printer are active, and the ACT SST Transport and receipt printer are inactive. The ACT displays the message "Cashier On Duty."
 - m. With the optional tabletop SST Validator at the booth, the ACT operates as in Logged Off Mode. The tabletop SST Validator and tabletop receipt printer are active, and the ACT SST Transport and receipt printer are inactive. In this mode, the ACT displays the message "Cashier On Duty."
- ## 3. Dimensions.
- a. The ACT cabinet dimensions shall be 16.28 inches W x 10.13 inches H x 15.54 inches D (413.5 mm W x 257.2 mm H x 394.7 mm D).
 - b. The ACT faceplate may extend up to 4 inches (100 mm) from the outside booth wall.
 - c. The maximum dimensions of the SST/HP-1 Transport shall be 13.7

inches W x 4.96 inches H x 4.3 inches D (348 mm W x 126 mm H x 109.2 mm D).

- d. The maximum dimensions of the SST/HP-1 Transport shall be 13.7 inches W x 4.96 inches H x 4.33 inches D (348 mm W x 126 mm H x 110 mm D).
 - e. The receipt printer is 10 inches W x 8 inches H x 11.8 inches D (254 mm W x 203 mm H x 300 mm D).
- ## 4. Electrical.
- a. Power input requirements shall be 110 VAC or 220 VAC.
 - b. The Transport shall be supplied 24 VDC power by the SST CPU board.
- ## 5. Construction.
- a. The ACT cabinet shall be weather-proof, made of aluminum with a powder coat finish.
 - b. The ACT shall have an output for the receipt printer, which shall have a spring loaded plastic door to protect receipts from the weather and to prevent patrons from pulling receipts during printing.
 - c. The ACT shall have a ticket bin to collect exit passes. The maximum capacity of the ticket bin shall be 1000 tickets.
 - d. The ACT faceplate shall allow rear access to the SST Transport, ticket vault, and receipt printer and paper, for service and maintenance.
 - e. The Transport shall be constructed of four aluminum side panels and four aluminum ticket channels forming the structural frame.
 - f. The drive system shall consist of a stepper motor and twin synchronous belts controlling the operation of the drive rollers.
 - g. The print system shall be driven by a solenoid mounted to the front of the Transport.
 - h. The thermal printhead shall be wide enough to permit printing across the entire width of a ticket.
 - i. The print head shall require no field adjustments.



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