Ⓟ The **STAR** *Automatic Pay Station*

a Market Innovation

The **STAR APS** - Federal APD introduces our new Star Automatic Pay Station developed primarily for the parking industry. This revenue collection and control device is offered to the parking professional with automatic features for calculating and displaying parking fees utilizing a variety of payment options (coins, bank notes, or optional credit card). Change is issued in coins or credit slips and we are happy to provide a receipt automatically or on demand.

User-Friendly for easy operation

Many features offered with this Auto Pay Station are standard and necessary for simple operation. Customers, service personnel and operations management will appreciate how easy it is. The ergonomic design of this device guides you through the entire transaction process. Defined instructions are clearly visible and simple to follow. All programming and reporting programs are driven by ScanNet, our Parking Management Control Software.

Security today is more important then ever before, so to prevent tampering, both the note and coin vaults are constructed of heavy gauge stainless steel and use a two-key opening process.

Our automatic STAR operates on-line with ScanNet® our Central Parking Management Software Program, or off-line (stand alone).

Features:

A) Reads and processes:
1. **Magnetic Stripe Tickets**
2. **ValueCards**
3. **Vouchers**
4. **Hole Punch Validations**

B) Standard Components:
1. **SST Ticket Transport**
2. **Coin Acceptor**
3. **Two Coin Hoppers and Vault**
4. **Note Acceptor and Vault**
5. **Programming interface (keyboard with display)**
6. **Receipt Printer**

C) Optional Components:
1. **Journal Printer**
2. **Intercom**
3. **Credit Cards**
4. **Credit Card Insert Reader**

Automatic, 24 hour cashiering

For more details please see reverse side.

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Federal Signal Corporation
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1. Purpose

The Star APS (Automatic Pay Station) provides automated cashiering services for parking facilities for Patrons, on foot or at a central location. It automatically calculates and displays parking fees, accepts payment (coins, bank notes, or credit card) issues change in coins or credit slips, and provides receipts automatically or on demand.

2. Features/Functions

a) Reads and processes:
    1. Magnetic Stripe Tickets
    2. Value Cards
    3. Vouchers
    4. Hole Punch Validations

b) Standard Components
    1. SST Ticket Transport
    2. Coin Acceptor
    3. Two Coin Hoppers and Vault
    4. Note Acceptor and Vault
    5. Programming interface
       (keyboard with display)
    6. Receipt Printer

c) Optional Components
    1. Journal Printer
    2. Intercom
    3. Credit Cards
    4. Credit Card Insert Reader

d) Operates off-line or On-line with ScanNet® Central Management System.

e) Comprehensive financial and statistical reports can be generated at the Star APS device or from the ScanNet® Central Management System.

f) Accepts up to 14 different bank notes and 5 different coin denominations.

g) All Star APS devices allow patron to terminate transaction at any time prior to completing a transaction.

h) The LCD display guides patrons through all transaction options.

i) Push button controls are clearly labeled.

j) Easy-to-follow instructions are provided on the front panel.

3. Mechanical

a. The SST transport handles magnetic stripe parking tickets, ValueCards, and hole punch validation.
b. The note acceptor screens bank notes for validity, determines the value and transports the bank notes to the note vault. The standard note vault has a 1,000 note capacity.
c. The coin acceptor accepts up to 5 different coin denominations and is programmed at the factory to replenish two coin hoppers (one denomination per hopper).
d. Each coin hopper dispenses coins as change.
e. Each coin hopper capacity is 400-500 coins, depending on the coin size (15.7-28.5 mm diameter, 1.1-2.5 mm thickness)
f. Coin hoppers incorporate a double-locking system that prevents unauthorizied access.
g. Coin denominations not routed to hopper and hopper overflow coins are routed to the coin vault.
h. The optional credit card insert reader is waterproof.
i. The receipt thermal printer prints payment receipts automatically or on-demand. It can also be used to print financial and statistical reports.
j. The optional Star APS journal printer provides a record of transactions, programming changes, error messages, warnings and shutdown notices

4. Electrical

a. The Star APS can use either 115 VAC or 220 VAC primary input power.
b. The power supply distributes 5 VDC and 24 VDC for the cash handling system, SST transport, credit card reader, and other device components.
c. Note acceptor errors, warnings and shutdown notices are displayed on the programming interface and printed on the journal printer.
d. The programming interface provides means to program Star APS device functions (e.g., Fee and tax calculation, time and date, facility codes, note and coin preferences, printer operation, and receipts).
e. The optional credit card reader is a single track, magnetic, insert type reader that transmits data via an RS-232 interface. The recording capacity is 79 characters (5 bits + 1 parity) on Track 1 and 40 characters (4 bits + 1 parity) on Track 2.
f. The optional intercom is available for the Star APS devices configured with the 600 note capacity note vault

5. Dimensions

a. Cabinet: 24.21 x 24.32 x 16.53 inches (615 W x 615 H x 420 D mm)
b. Base: 10 x 25.5 x 10 inches (254 W x 790 H x 254 D mm)

6. Construction

a. The cabinet is a steel, weatherproof cabinet mounted on a steel base.
b. The cabinet is finished with extremely durable powder coat paint in either Federal APD safety yellow or white, other colors are available upon request.
c. To prevent tampering, both the note and coin vaults are constructed of heavy gauge stainless steel and use a two-key system.
d. Operating temperature range: 0 to 120^0F (-18 to 49^0 C).

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