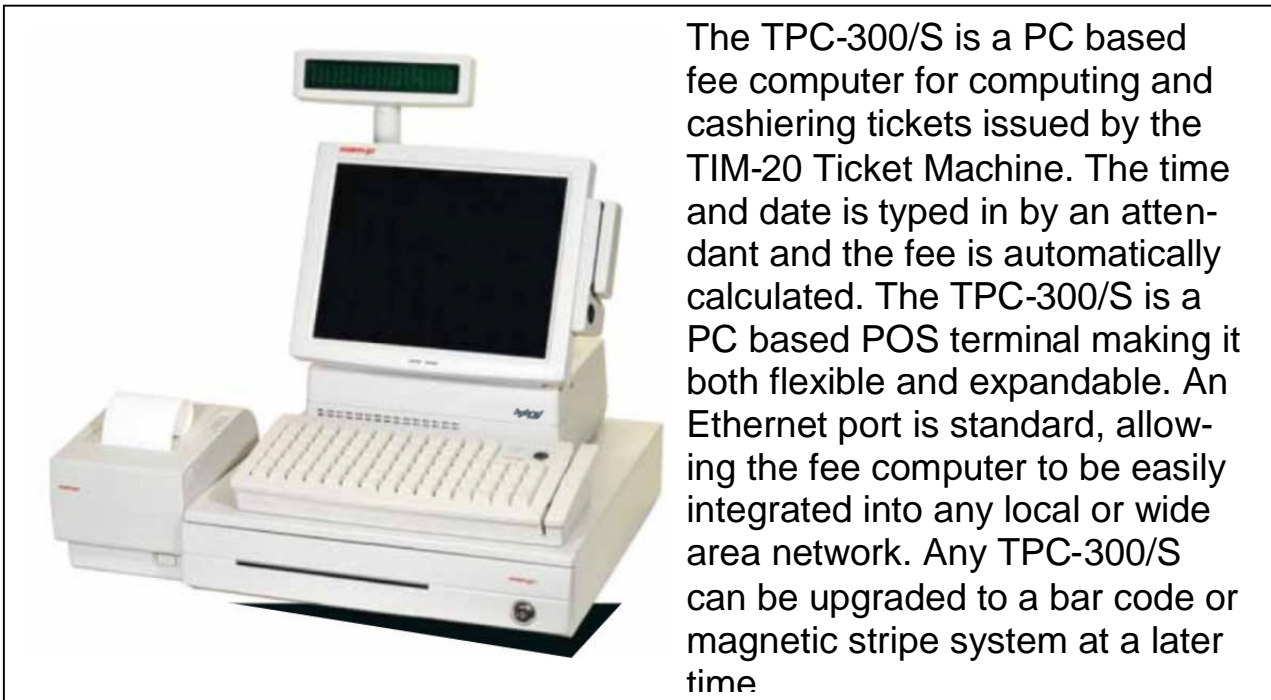


TPC-300/S FEE COMPUTER

Product Specification



The TPC-300/S is a PC based fee computer for computing and cashing tickets issued by the TIM-20 Ticket Machine. The time and date is typed in by an attendant and the fee is automatically calculated. The TPC-300/S is a PC based POS terminal making it both flexible and expandable. An Ethernet port is standard, allowing the fee computer to be easily integrated into any local or wide area network. Any TPC-300/S can be upgraded to a bar code or magnetic stripe system at a later time

A. HARDWARE

The TPC-300 Fee Computer shall be a PC based revenue control system capable of computing fees and cashing tickets in a parking facility. The cashiers terminal shall incorporate the following features:

CPU	2.0GHz Intel microprocessor
Memory/Mass Storage	256 MB RAM, 40GB hard drive
Clock	Battery backed CMOS clock/calendar
Keyboard	84 key compact PC keyboard
Display	built in 12.1" color LCD touch screen
Power	110VAC, 60Hz, 2A (switchable to 220VAC, 50Hz, 1A)
Environment	Operating temperature: 40 deg. F to 100 deg. F (5 deg. C to 40 deg. C)
I/O Ports	1 parallel port, 4 serial ports, 3 USB, 1 Ethernet

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Field Wiring	ICU (Inter Connection Unit) with interface for cash drawer, arming loop detector and barrier gate control signal
Options/Upgrades	Hand held CCD Bar Code scanner for automatic decoding of tickets (TPC-300/BC upgrade) Magnetic Stripe Ticket reader/validator (TPC-300/M upgrade) Uninterruptible power supply (UPS)

B. SOFTWARE

The TPC-300 software shall incorporate the following features:

- A) 5 rate structures of 10 periods each, 2 fees can be applied to each period
- B) 5 fixed fees
- C) 5 miscellaneous fees - a miscellaneous fee can be added to any other fee
- D) 3 types of discounts - fees can be discounted by an amount, or a percentage
- E) 3 tax rates can be applied to fees
- F) 14 holidays and 3 special events - these dates can be predefined so that any special rates will automatically become effective on that date
- G) 30 validation accounts
- H) 20 attendants - each attendant has a unique password to access the system and a report on each attendants shift can be printed

Report Printout: Reports printed on Receipt printer

C. JOURNAL/RECEIPT PRINTER

Print Method	Bi-directional dot matrix printer
Character Composition	7 x 7 dots

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Resolution	23 columns: 230 dot/line 28 columns: 280 dot/line 40 columns: 400 dot/line
Print Speed	23 columns: 4.0 line/sec. 28 columns: 3.5 line/sec. 40 columns: 2.4 line/sec.
Character Size	23 columns: 1.8 x 2.4 mm 28 columns: 1.5 x 2.4 mm 40 columns: 1.2 x 2.4 mm
Line Pitch	Character mode: 4.23 mm (1/6") Graphic type: 2.82 mm (1/9")
Paper Size	Friction type: 76.0 mm W x 80 mm dia. (3" W x 3" dia.)
Interface	Centronics compatible parallel port
Input Buffer	7KB buffer memory
Input Buffer Backup	100 hours beginning after 10 minutes of operation
Paper End Detection	Paper out warning LED
Power	110VAC, 60Hz, .5Amp
Power Consumption	30 Watts
Operating Temperature and Humidity	15 to 125 Deg. F, 10% to 85% RH
Weight	12lbs.
Dimensions	6 1/2" W x 12 1/4" D x 6 3/4" H

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D. FEE DISPLAY

The fee display shall be a 40 character VF display in order to provide high visibility under poor lighting conditions. The fee display shall display the current time, date, and amount due.

Display Method	40 character VF
Interface	Serial
Power	7.5VAC, 1A

E. CASH DRAWER

Interface	Operated by TPC-300 when fee is computed, drawer open/close contact used for cash drawer status and gate open signal when cash drawer is closed, key switch override
Money Compartment	Removable tray with 5 bill and 5 coin compartments
Size	18 3/5" W x 15" D x 4 1/2" H
Power	24 VDC 500mA

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Product Specification



Typical TPC-300 cashier terminal typical configuration:

