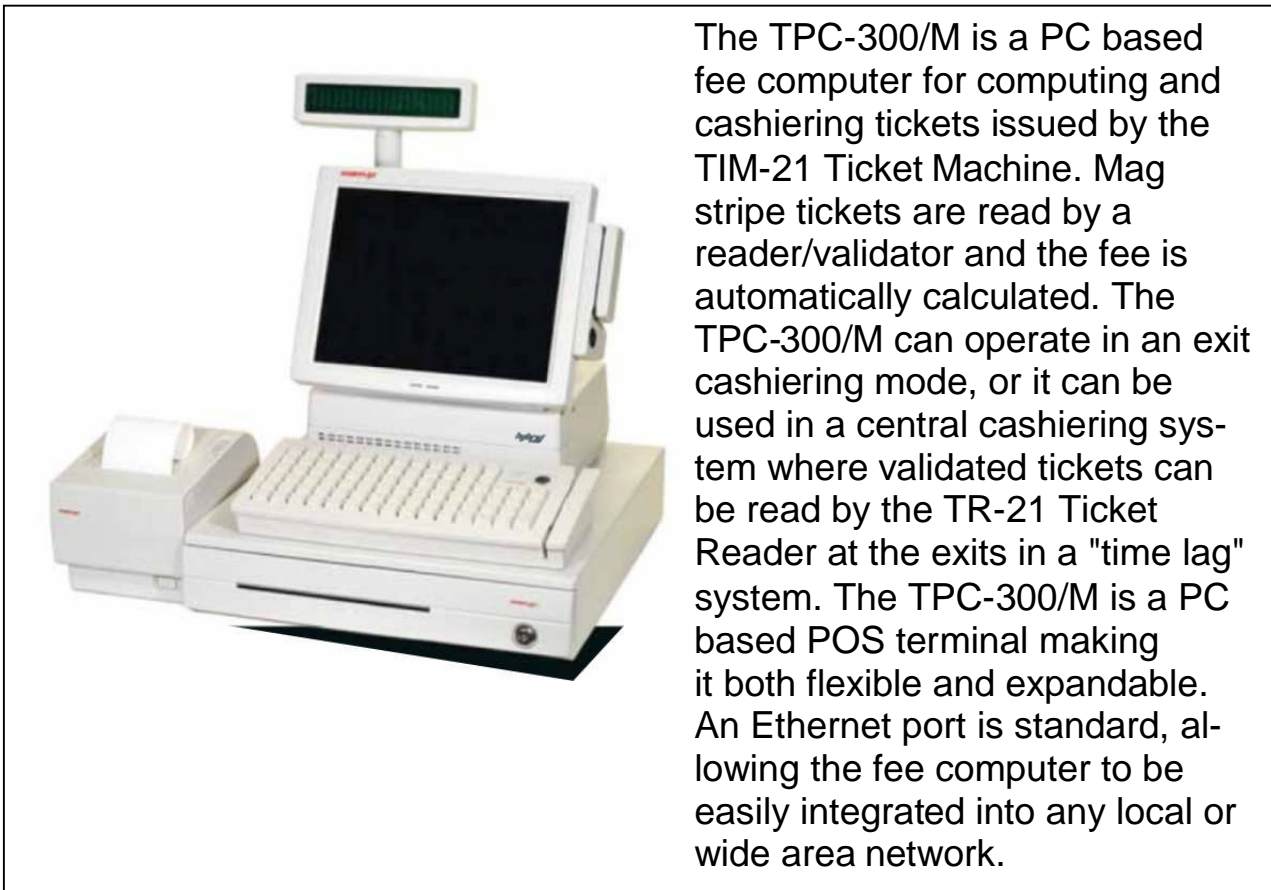


TPC-300/M FEE COMPUTER

Product Specification



The TPC-300/M is a PC based fee computer for computing and cashiering tickets issued by the TIM-21 Ticket Machine. Mag stripe tickets are read by a reader/validator and the fee is automatically calculated. The TPC-300/M can operate in an exit cashiering mode, or it can be used in a central cashiering system where validated tickets can be read by the TR-21 Ticket Reader at the exits in a "time lag" system. The TPC-300/M 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.

A. HARDWARE

The TPC-300/M Fee Computer shall be a PC based revenue control system capable of computing fees and cashiering tickets in a parking facility. Magnetic stripe tickets issued by the TIM-21 Ticket Issuing Machine shall be automatically read and computed by means of a magnetic stripe reader/validator. 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

TPC-300/M FEE COMPUTER

Product Specification



Power	110VAC, 60Hz, 2 Amp (switchable to 220VAC, 50Hz, 2Amp)
Environment	Operating temperature: 5deg. C to 40deg. C
I/O Ports	1 parallel port, 4 serial ports, 3 USB, 1 Ethernet
Field Wiring	ICU (Inter Connection Unit) with interface for cash drawer, arming loop detector and barrier gate control signal
Options	Uninterruptible power supply (UPS)

B. SOFTWARE

The TPC-300/M software shall incorporate the following features:

5 rate structures

5 fixed fees

5 miscellaneous fees - a miscellaneous fee can be added to any other fee

3 types of discounts - fees can be discounted by an amount, or a percentage

3 tax rates can be applied to fees

14 holidays and 3 special events - these dates can be predefined so that any special rates will automatically become effective on that date

30 validation accounts

100 attendants - each attendant utilizes a unique key card 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

TPC-300/M FEE COMPUTER

Product Specification



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	serial
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

TPC-300/M FEE COMPUTER

Product Specification



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	12 to 24 VDC

F. TICKET READER/VALIDATOR

The Ticket Reader/Validator shall be capable of reading and decoding magnetic stripe tickets issued by the TIM-21 Ticket Issuing Machine.

Ticket reading/encoding	Reads and encodes tickets and cards. Encoding is on ISO track 2. Tickets may be imprinted with up to 10 lines with 20 characters each. Printing in double size and in high density mode is optional.
Interface	Serial
Power	110VAC 60Hz 1A (220VAC optional)

TPC-300/M FEE COMPUTER

Product Specification



Dimensions	9 1/2" W X 18" D X 8 1/2" H
Weight	28lbs.
Environmental	Operating temperature: 5 deg. F to 105 deg. F (-15 deg. C to 40 deg. C)

Typical TPC-300/M cashiers terminal configuration:

