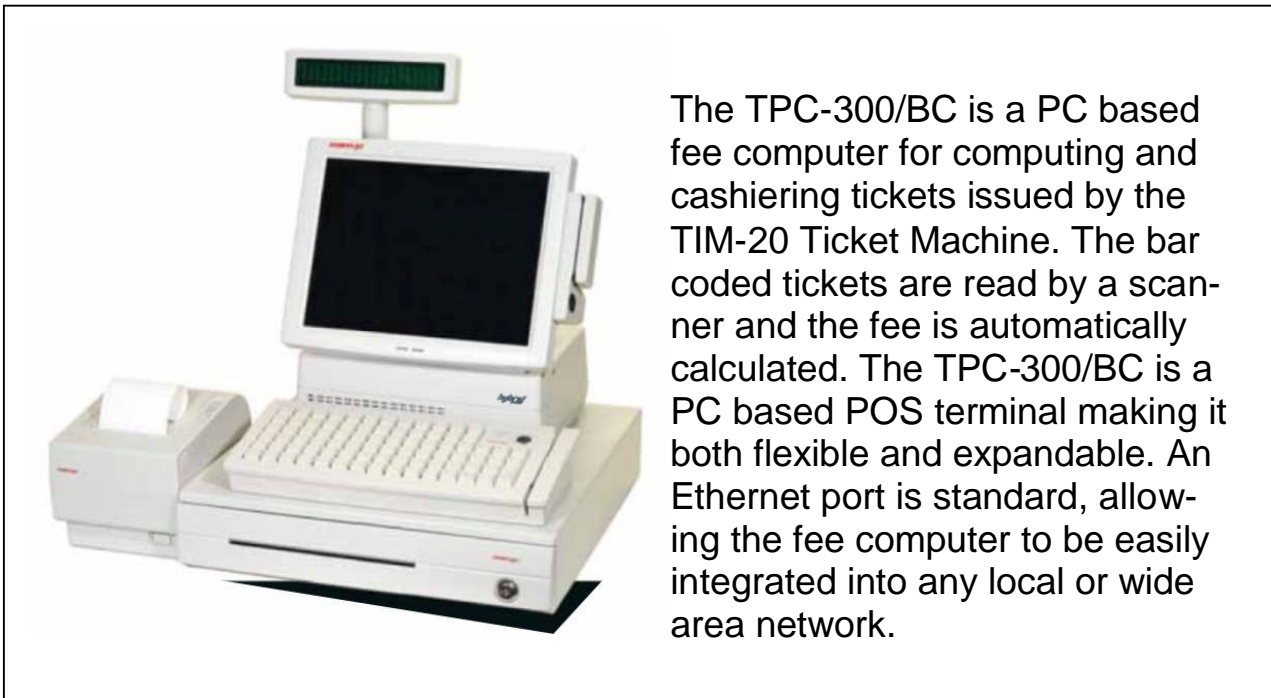


# TPC-300/BC FEE COMPUTER

## Product Specification



The TPC-300/BC is a PC based fee computer for computing and cashiering tickets issued by the TIM-20 Ticket Machine. The bar coded tickets are read by a scanner and the fee is automatically calculated. The TPC-300/BC 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/BC Fee Computer shall be a PC based revenue control system capable of computing fees and cashiering tickets in a parking facility. Bar coded tickets issued by the TIM-20 Ticket Issuing Machine shall be scanned and computed automatically by means of a hand held scanner. 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, 2A)                     |
| Environment         | Operating temperature: 40 deg. F to 100 deg. F(5 deg. C to 40 deg. C) |

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|              |  |
|--------------|--|
| 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 |
| Scanner      | Hand held CCD Bar Code scanner for automatic decoding of tickets   |
| Options      | 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<br>28 columns: 280 dot/line<br>40 columns: 400 dot/line    |
| Print Speed                        | 23 columns: 4.0 line/sec.<br>28 columns: 3.5 line/sec.<br>40 columns: 2.4 line/sec. |
| Character Size                     | 23 columns: 1.8 x 2.4 mm<br>28 columns: 1.5 x 2.4 mm<br>40 columns: 1.2 x 2.4 mm    |
| Line Pitch                         | Character mode: 4.23 mm (1/6")<br>Graphic type: 2.82 mm (1/9")                      |
| Paper Size                         | Friction type: 76.0 mm W x 80 mm dia.<br>(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             | 12 to 24 VDC   |

# TPC-300/BC FEE COMPUTER

Product Specification



Typical TPC-300 cashier terminal configuration:

