



## Stainless Steel Toll Terminal

Tolltex provides toll terminals for use as manual collection devices. The terminal shown here was designed and built to support the requirements of a manual toll collection system. The terminal has system used five vehicle classes, each was assigned to one of the class buttons. When a Class button is pressed, it is illuminated. Pressing the Enter button completes the transaction, turns off the illuminated Class button, and allows a receipt to be issued by pressing the receipt button. Systems with different toll schedule classes can be accommodated and an operator display can be added on the top of the terminal.

### **Summary**

**Type:** Manual toll terminal with embedded logic controller.

**Logic Programming:** Ladder logic. Tolltex programs each unit according to the functions needed at the toll terminal.

**Program Storage:** EEPROM storage, 100,000 write cycles, storage lifetime 100 years.

**Program Transfer:** Via optically isolated RS-232 adapter from and DOS, Windows, or Windows 95 system.

**CPU:** Average execution speed of 12 *us* per step.

**Digital Inputs:** The embedded controller supports 12 optically isolated inputs each with an LED indicator, 24 VDC NPN type.

**Digital Outputs:** The embedded controller supports 8 optically isolated sync type

outputs with LED indicators, 1 Amp. @ 12~30VDC.

### **Lane Controller Interface:**

The terminal communicates via a parallel digital I/O link made through a 6-pin connector located on the back of the unit.

**Controls:** Power On/OFF switch located on the back of

the unit, power ON/OFF LED indicator located on the top.

**Buttons:** Illuminated utilizing Cherry microswitch with gold contacts rated for 10,000,000 cycles. Legends are custom.

**Housing:** Type 314 stainless steel, 14 gauge, brushed finish, two piece design with gasket on lift-up lid, Illinois lock.

**Temperature:** -5 to +50° C.

**Dimensions:** 12"(L) x 10" (W) x 5.5" (H).

**Weight:** 10 Lbs.

**Power Requirements:** 24VDC.