

### VGA Touch Screen Toll Terminal



The Tolltex VGA Touch Screen Toll Terminal is used with the **TollTrax** toll collection system. The terminal is used by toll collectors to process vehicles in the lanes.

The device is a rugged, yet low cost touch screen based on a 15 inch color monitor. The device interfaces with lane controller via a standard VGA cable for the video and a serial RS232 cable for the touch data.



The compact size of the terminal makes it ideally suited to fit into a standard size toll booth without overcrowding the toll operators countertop.

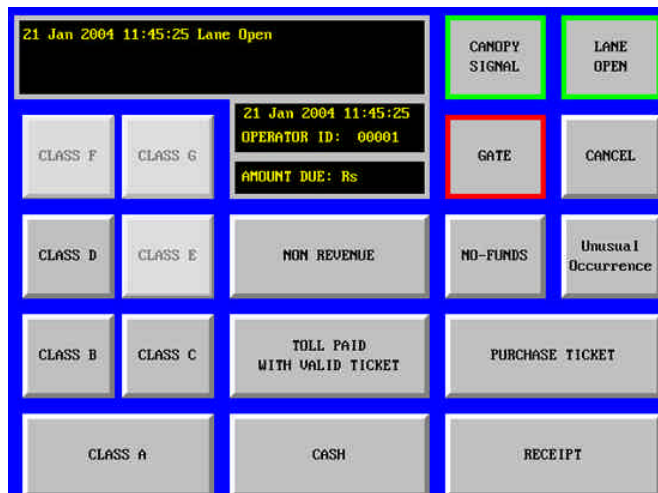
The swivel base allows the operator to adjust the terminal to meet his/her preferences regarding use.

The image below is the main classification screen that toll operators use to classify vehicles, process payments, and perform other operations necessary in processing vehicles.

The gray "boxes" on the screen react like "buttons" when touched.

By using software-defined touch targets instead of typical buttons or keyboards, it is possible to adapt the system to meet the unique and often changing requirements of a toll facility.

Proper use of color borders and backgrounds provides visual feedback to the toll operator.



## **Specifications**

Case/Bezel color: Gray

Display type: FST CRT

Display size: 15" diagonal

Display area dimensions: 10.2" (260 mm) H x 7.7" (195 mm) V

Monitor dimensions Width: 14.3" (362 mm)

Height (including base): 12.9" (328 mm)

Depth (including base): 15.2" (385 mm)

Highest recommended resolution: 800 x 600 at 85 Hz

Resolutions presets (VESA timing): 640 x 480 at 60, 72, 75, or 85 Hz; 800 x 600 at 60, 72, 75

Dot pitch, nominal: 0.28 mm

Video bandwidth: 67 MHz

Scanning frequency: Horizontal 30–70 kHz; vertical 50–160 Hz

Input video format: Analog (no proprietary video card needed)

Input video signal connector: Mini D-Sub 15-Pin (female)

Power supply: 90 to 264 VAC, 50 to 60 Hz

Power dissipation: 70 W max.

Temperature: Operating 0°C to 40°C; storage –40°C to 60°C

Humidity: Operating 10% to 90%; storage 10% to 90%; non-condensing

Weight: 29 lb (13.0 kg)

Warranty Monitor: 1 Year

Other features: 100% light transmission with no parallax; digital on-screen display (OSD); rigid (removable) base; innovative touchscreen sealing; VESA DDC 1/2 B Plug and Play