



FEATURES

- Windows® CE 5.0 operating system
- 800x480 pixel, 178 mm (7") WVGA color TFT graphic LCD display
- Analog resistive touch screen
- Seven lighted, programmable function keys; lighted cursor key
- Two USB ports
- One serial port
- Wide operating temperature
- Supports 12- or 24-volt vehicle power
- Customizable logo and keypad (optional)



The TREQ™-L is geared toward our budget-minded customers who require simplicity in the same rugged design as the TREQ.

The TREQ-L runs the Windows® CE 5.0 operating system. The terminal can be used for tasks ranging from vehicle systems control and monitoring to Automatic Vehicle Location (AVL) and Computer Aided Dispatching (CAD). The Windows operating system assures broad support for third-party hardware, software and application development.

HARDWARE

DISPLAY: The TREQ-L features a TFT color WVGA (800x480) LCD display, 178 mm (7") diagonal size. This display has excellent readability under most lighting conditions.

TOUCH SCREEN: Most user input occurs through the resistive touch screen. This touch screen has high resolution and excellent performance.

KEYS: Along the bottom of the unit are eight lighted tactile elastomeric keys. The eighth key is designed to be used as a lighted cursor key, augmenting the touch screen functionality.

HOUSING: The TREQ-L features a tough polycarbonate housing designed to withstand everyday use in commercial vehicle environments. The unit is sealed to protect against dust and light liquid spills.

PROCESSOR: The TREQ-L is powered by the PXA270 XScale processor (ARM). The unit includes 128 Mbytes of RAM and 256 Mbytes of compact flash (upgradable).

CONNECTORS: On the back of the unit is a permanent integral cable with strain relief

POWER SUPPLY: The TREQ-L can be powered directly from 12- or 24-volt vehicle power, and includes circuitry to protect against normal variations (transients and spikes).

SOFTWARE

WINDOWS® CE 5.0: The TREQ-L runs the Windows® CE 5.0 operating system. The Windows operating system assures broad support for third-party hardware, software and application development. The following industry-standard software development tools are supported:

Microsoft eMbedded Visual C++ 4.0 (with service pack 4)
Microsoft Visual Studio 2005

A TREQ-L Software Development Kit (SDK) is provided for use with these tools.

QUICK SPECIFICATIONS

DISPLAY	TFT color WVGA LCD display, 256,000 colors 178 mm (7") diagonal 154 mm x 93 mm "live area" Pixels: 800x480 Dot Pitch: 0.19 mm Lighting: CCFL lighting Brightness is software controllable
TOUCH SCREEN	Analog resistive
INTERFACE	One serial port configurable to EIA-232, -422 or -485 Two USB ports (one on front, one on back)
PROCESSOR	PXA270 XScale 416 MHz(ARM)
MEMORY	128 Mbytes RAM, 256 Mbytes compact flash
SOFTWARE	Windows® CE 5.0 Professional
AUDIO	Built-in speaker
ENVIRONMENTAL	Temperature: Operating -20 to 60 °C Storage -40 to 85 °C Humidity: 0 to 95% non-condensing Vibration: 10 to 1000 Hz, 4 g RMS Shock: 20 g, 11 ms, any axis Electrical transient and noise per J1455
POWER	8 to 32 VDC input voltage range (exceeds J1455) 12 watt average power consumption (1 A @ 12 VDC)

