



t842 Product Profile

12.1" Color-XGA LED Backlit Display w/ Resistive Touchscreen

802.11 a/b/g/n Wireless Connectivity w/ Dual Diversity Antenna

Integrated Serial, USB, Ethernet, Bluetooth v4.0

Windows Embedded Standard Operating System

Wide Operating Temperature Range (-30 to 55C)

Shock & Vibration Ruggedized for Forklift Operation

Remote Software Upgrades and Maintenance via Wireless Network

Direct Power and Communications to Forklift Scale

Flexible Mounting Arrangements for Greater Ease of Use

IP65 - IEC 60529:2001



t842 wireless mobile terminal

The **t842** is a rugged wireless mobile computer terminal that provides powerful features like 802.11 a/b/g/n wireless ethernet and optional bar code scanning in a compact ergonomically friendly package.

The terminal features a 12.1" Color-XGA LED backlit display. The unit is configurable with a fixed rear mount or hand held bar code scanner.

The **t842** is installed in the vehicle using the **RAM** mount hardware system. The **RAM** mount system provides an extremely flexible, reliable, and vibration isolating platform for presenting the terminal to the operator.

The **t842** terminal architecture allows complete flexibility in your software application. System status and operation can be monitored and application software can be upgraded remotely via the wireless network. Imagine being able to view status, or roll out an upgrade to your entire fleet of equipment without leaving your desk.

Application software provided by **TSWA** will configure the **t842** for your exact application. The **t842** will be the workhorse of your data collection network, providing accurate and reliable data to your remote datacenter through our powerful family of software products like **CONFIRM**, **tWeigh**, **IPAC**, **FABS**, and others.



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General Specifications

Confirm PC Software Support

Windows Embedded Operating System

Hardware Interface

802.11 a/b/g/n Wireless Ethernet, 1x-RS-232
Serial Port w/ 12V, 4x-USB 2.0, Bluetooth v4.0
1x-RJ45-10/100/1000 Wired Ethernet.
HD Audio

Scale Interface/Support

Interfaces to any legal for trade lift truck scale with continuous serial weight communication output. Scale data may be accessed by direct RS-232, or by the Wireless Ethernet Network. Configurable for Forklift Scales, Truck Fleet or Rail Scale applications.

Display

Color XGA LED Touch Screen Display (WVGA) Contrast is software controlled, temperature compensating. White LED backlight w/ software controlled brightness.

Housing

Coated Aluminum Housing w/ Software Configurable Function Keys sealed to NEMA 4 standards Completely Sealed Fanless Design.

Vibration & Shock

MIL-STD 810G (US-HT)
5-500Hz/0,04m/s XYZ-IEC 6008-2-27

Optional Barcode Scan Patterns

Linear, Smart Raster Omnidirectional, and Imager

Optional Barcode Scanner Symbologies

PDF417, MicroPDF, UPC/EAN, Code 39, I 2of 5, Code 128, Codabar, MSI Plessey, RSS and Composite Codes

Environmental:

Dust & Water

IP65 - IEC 60529:2001

Operating Temperature

-30° to 50° C

Humidity

10% to 95% at 40C non-condensing

Physical Dimensions

Dimensions without antenna in mm/In:
mm - W:305 x H:240 x D:59
In - 12.0" x H 9.4" x D 2.3"

Operating Power

Optional 18 - 72 VDC Isolated
or 9 - 36 VDC Isolated



Front View



Rear View



Bottom Edge View

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