

**VEHICLE-MOUNT TERMINAL**Trakker® Antares™ **T2455****Benefits:**

- **Modular design minimizes operator visual obstruction and reduces safety hazards**
- **Fits just about anywhere with small size and flexible mounting**
- **Built for the industrial user with shock, temperature and environmental protection**
- **Configurable according to user requirements with multiple display, keyboard and input device alternatives**
- **Supports industry standard communications and 2.4 GHz radio for superior coverage and throughput**



The T2455 is a versatile, high performance and economical solution for data collection applications using industrial vehicles such as forklift trucks and stock pickers.

The two piece design of the terminal allows the operator to separate the display and keyboard or conventionally mount as one unit. The modularity and small size easily adapts to space constraints common with today's smaller forklifts. Unique bracket design on the terminal provides unlimited viewing angle and positioning choices.

Industrial casing protects the terminal from dust, dirt and rain. The T2455 can tolerate very cold temperatures outdoors or usage in freezers. Wide ranging power supply options make installation in virtually all industrial vehicles

easy. The T2455 is built to sustain real-world conditions such as constant shock, vibrations and power fluctuations common to industrial vehicles.

The terminal integrates with most common host environments, either directly to the network, or through a data collection server which provides additional network management benefits. IBM and VT terminal emulation eliminates the need to re-program host applications. In addition, TCP/IP network support provides similar ease of integration in client/server environments.

The T2455 incorporates 2.4 GHz OpenAir™ and IEEE 802.11 wireless LAN options for wide area coverage and interference immunity.

Trakker® Antares™ **T2455****Physical Characteristics**

**Display Unit:** 28.4 x 15.2 x 10.7cm  
(11.2" x 6" x 4.2") 4.04kg (8.9lbs)

**Keyboard:** 28.4 x 10.4 x 4.3cm  
(11.2" x 4.1" x 1.7") 1kg (2.2lbs)

**Power Supply:** 16.5 x 11.4 x 2.5cm  
(6.5" x 4.5" x 1") .73kg (1.6lbs)

**Display**

**Full Screen:** 25 lines by 80 characters or configurable oversized characters including 13 x 80, 25 x 40, or 13 x 40

**Display Options:** Transmissive LCD CGA display for standard environments

EL (electroluminescent) CGA display for cold or bright locations

**Keyboard**

**Layout:** ABCD keyboard layout with five function keys, oversized numeric keypad

F1-F10 function keys also available on display unit

Standard PC-AT keyboard interface for optional keyboards (req. adapter cable)

**Overlays:** Options for U.S., Multilingual, European, IBM 5250, IBM 3270, and ANSI/VT overlays

**Memory**

**RAM Memory:** 1MB total, 512K available

**Flash Memory:** 2MB (operating firm-ware, configuration data, application, and data storage), 768K available  
Option for 2MB additional

**Optional Expansion:** 2, 4MB SRAM

**Power**

**Primary:** 12V to 80VDC universal power supply with surge, over-voltage, and reversal protection

**Memory Backup:** Rechargeable NiCad

**Wireless LAN Characteristics  
2.4 GHz OpenAir**

**Frequency Band:** 2.4 GHz, actual frequencies in use vary by country

**Radio Type:** WLI Forum OpenAir Compatible

Frequency Hopping Spread Spectrum (FHSS)

**Radio Power Output:** 100 mW

**Radio Data Rate:** 800Kbps or 1.6 Mbps

**Channels:** Support 15 independent, non-interfering "virtual channels" (hopping patterns)

**Range (Standard Antenna):** Up to 150 meters radius (500 ft.) indoors

450+ meters radius (1,500+ ft.) outdoors (more with optional antennas)

**Compatibility:** Fully interoperable with all Wireless LAN Interoperability Forum (WLI Forum) OpenAir products

**Software****DCS 300 Server Connectivity:**

IBM S/390, AS400, Unix, Windows NT, Digital, HP

Ethernet, Token Ring, 100BaseT, Twinax, Coax, SDLC

SNA, TCP/IP

Telnet ANSI/VT, TN5250, TN3270 terminal emulation

IBM 3270, 5250 SNA terminal emulation

Screen Mapping

**Direct End Device Connectivity:**

Programmable, Microsoft C

Network Ethernet, Token Ring

TCP/IP

Telnet ANSI/VT, TN5250, TN3270 terminal emulation

**Interfaces****Local Device Communications:**

Auxiliary RS-232

**Laser Scanners:** 10-pin connector for use with Intermec supplied cabled & wireless laser scanners and wands

**Environment****Operating Temperature:**

Standard Unit -10° to +50°C (14° to 122°F)

**Cold Temperature Option:**

-30° to +50°C (-22° to 122°F)

**Storage Temperature:**

-20° to 60°C (-4° to 140°F)

**Humidity:** 10 to 90% non-condensing

**Shock & Vibration:** Vibration tested to SAE J-1399 Class 2, MIL STD 810D

**Sealing:** Sealed against dust and moisture to NEMA 3 and IP54

**Accessories**

Programmers Software Kit (PSK), EZBuilder™ Rapid Application Builder, Users manual, Desktop stand, Desktop AC power supply, Retractable laser scanner cable, Cables for scanner, printers, keyboards

**Regulatory Approvals**

FCC - Part 15.247 Certified, Canada - RSS 210 Certified, ETS 300 328 Type Approved, EN 55022 / CISPR 22 Class B, FCC Part 15 & ICES-003 Class A, SCT Certified, NOM - EM-121, pending, AS 3548 - C tick Marked, Compliant with all European Directives, CE Marked (prETS 300 826), UL Listed, UL 1950, C22.2 #950 & IEC 60529- IP54, TUV Licensed, EN 60950 & EN 60529 - IP54, NYCE Certified, NOM 19

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