

**STATIONARY TERMINAL**Trakker® Antares™ **T248X****Benefits:**

- **Compact, industrial design**
- **Robust data collection**
- **Flexible, open connectivity**
- **Rapid application development**



The Trakker Antares Stationary Terminal delivers timely, accurate data for mission critical manufacturing systems. With a compact metal case, environmental sealing and power protection, the reliable T248X handles the most punishing industrial plants. It's ideal for work in process tracking, labor collection, and time and attendance applications.

The T248X Stationary Terminal includes two ports for bar code input devices and a serial port to connect a printer or scale. An optional integrated badge scanner, digital input/output and two additional serial ports accommodate the most demanding data collection requirements.

Choose Ethernet, wireless or serial connections to host computers. With the 2.4 GHz wireless models, you can easily change configurations of manufacturing work cells. The T248X supports client/server and terminal emulation host environments. It's also compatible with Intermec CrossBar® networks.

The Trakker Antares Stationary Terminal is programmable using industry standard, Microsoft® C. With EZBuilder™, Intermec's rapid application development tool, you can dramatically reduce development time and cost for creating shop floor solutions.

Trakker® Antares™ **T248X****Enclosure**

Die cast aluminum case  
NEMA5/IP53 sealing for dust, moisture and splashing

**Physical Characteristics**

**Height:** 24.4 cm (9.6")  
**Length:** 27.2 cm (10.7"); 28.7 cm (11.3") with badge scanner  
**Depth:** 9.9 cm (3.9")  
**Weight:** 4.3 kg (9.5 lbs)

**Displays**

CGA compatible LCD with backlight  
**T2480/85:** 4 lines by 40 characters per line  
**T2481/86:** 12 lines by 40 characters per line Display up to 24 lines

**Keypads**

**Alphanumeric:** 59 key elastomeric; PC style layout; 5 separate function keys  
**Oversized function/numeric:** 35 key elastomeric; 10 separate function keys  
**Time and Attendance:** 35 key membrane, 10 separate function keys  
**Terminal Emulation:** IBM 5250, IBM 3270 and ANSL/VT

**Input Ports**

2 bar code input ports  
**Digital input/output:** 4 optically isolated sense inputs; 4 two form C output relays, dry contacts  
External speaker connection

**Power**

**Operating:** 95 - 250 volts AC, 50/60 Hz  
**Power protection:** Handles 1 second dropouts  
**Memory Backup:** Rechargeable NiCad battery pack

**Bar Codes Supported**

Code 39, 2 of 5, Interleaved 2 of 5, Codabar, UPC/EAN, Code 128, Code 11, Code 93 and 93i, Plessey, MSI, Code 16K, Code 49, PDF-417 and Code 1 supported using Intermec Janus 7010 Imager

**Development Environment**

Microsoft® C and Trakker Antares Programmer's Software Kit  
EZBuilder, rapid application development

**Memory**

**RAM:** 1MB Total, 512K available to user  
**Non-volatile memory:** 2MB (operating firmware, configuration data, application and data storage), 750K available to user  
**Extended Memory:** 2MB Flash; 2MB or 4MB SRAM

**Wired Data Communication**

**Ethernet:** 10BaseT  
**Serial Ports:** RS-232, RS-232/422/485  
**Intermec Crossbar**

**Wireless Data Communication**

**T2485/86**  
**Frequency Band:** 2.4 GHz. Frequency range varies by country  
**Radio Type:** WLI Forum OpenAir™ Frequency Hopping Spread Spectrum  
**Radio Power Output:** 100 mW  
**Radio Data Rate:** 1.6 Mbps per channel, 800 Kbps fallback rate for extended range  
**Channels:** Supports 15 independent, non-interfering "virtual channels"  
**Protocols:** TCP/IP and UDP Plus  
**Security:** 20 digit security IDs customer selectable

**Environment**

**Operating temperature:** -20° to 50°C (-4° to 122°F)  
**Storage temperature:** -20° to 60°C (-4° to 140°F)  
**Humidity:** Non-condensing (0 to 95% RH)

**Badge Scanner**

Visible light badge scanner  
Infrared light badge scanner

**Host Support Direct Connect**

**Host Environment:** IBMAS/400, S/390, Digital, HP, UNIX with Telnet Services  
**Connectivity:** Ethernet, 2.4 GHz wireless, serial  
**Communication:** TCP/IP, XMODEM/ YMODEM  
**Terminal Emulation:** TN 5250, TN 3270, VT/ANSI

**Host Support DCS 300**

**Host Environment:** IBMAS/400, S/390, Digital, HP, UNIX  
**Connectivity:** 10/100 Mbps Ethernet, Token Ring, Twinax, Coax, SDLC  
**Communications:** TCP/IP, SNA, TCP/IP socket pass through  
**Terminal Emulation:** IBM SNA 5250, 3270, ANSL/VT 100, 220, 320, and Screen Mapping

**Language Support**

English, German, French, Italian, Spanish, Portuguese. Localized fonts, keypads and Getting Started Guide.  
Supports additional single and double byte fonts. Font edit and download tool.  
Display and scan western European characters in terminal emulation

**Accessories**

Wall or desk mount brackets, Programmer's Software Kit, EZBuilder, Adapter for third serial port (9 pin RS-232)

**Regulatory Approvals**

UL Listed, UL 1950 and C22.2 No. 950, TUV Rheinland GS, EN 60950, FCC Part 15, Canada, RSS210 and ICES 003 Class B, EN 55022/CISPR 22, Class B, ETS 300 826, ETS 300 328, Compliant with European Directives CE Marked

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