

**T2455 Data Sheet**

# MODEL T2455

## Specifications:

### 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 .....	LCD CGA display for standard environments
.....	EL (electroluminescent) CGA display for cold, bright, or dark locations

### Keyboard

Layout.....	ABCD Keyboard layout with five function keys, oversized numeric keypad
.....	Five function keys also available on display unit
.....	Standard PC-AT keyboard interface for optional keyboards
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 firmware, configuration data, application, and data storage), 750K available
Optional Expansion .....	4MB SRAM

## Wireless LAN Characteristics

### 2.4 GHz OpenAir

Frequency Band .....	2.4 GHz frequency band. 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 500 ft. radius (150 meters) indoors 1,500+ ft. radius (450+ meters) 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, TN3250 terminal emulation
.....	IBM 3270, 5250 SNA terminal emulation
.....	Screen Mapping
Direct End Device Connectivity .....	Programmable, Microsoft C
.....	EZ Builder Rapid Application Builder
.....	Ethernet, Token Ring
.....	TCP/IP
.....	Telnet ANSI/VT, TN5250, TN3250 terminal emulation

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**Power**..... Primary..... 12V to 72VDC Universal Power Supply with surge, over-voltage, and reversal protection  
..... Memory Backup..... Rechargeable NiCad

## Physical Characteristics

..... Display Unit..... 28.4 x 15.2 x 10.7cm (11.2" x 6" x 4.2")  
..... Keyboard..... 28.4 x 10.4 x 4.3cm (11.2" x 4.1" x 1.7")  
..... Power Supply..... 16.5 x 11.4 x 2.5cm (6.5" x 4.5" x 1")  
..... 1kg (2.2lbs)  
..... 73kg (1.6lbs)

## Interfaces

..... Local Device Communications..... Auxiliary RS-232  
..... Laser Scanners..... 10-pin connector for use with Intermec supplied cabled & wireless laser scanners and wands

## Environmental

..... Operating Temperature Range..... -20° to +60°C (-4° to +122°F) Standard Unit  
..... -30° to +60°C (-7° to +122°F) Cold Temperature Option  
..... Storage Temperature Range..... -40° to +70°C (-40° to +140°F)  
..... Humidity..... 10 to 90% non-condensing  
..... Shock & Vibration..... MIL STD 810D  
..... Vibration tested to SAE J-1399 Class 2  
..... Scaled against dust and moisture to NEMA 4 & IP54

## Regulatory Approvals

..... UL listed, UL 1950 and C22.2 No. 950  
..... TÜV Rheinland GS, EN 60950 and EN 60825-1  
..... FCC Part 15  
..... Canada, RSS210 and ICES 003, Class B  
..... EN 55022 / CISPR 22, Class B  
..... ETS 300 328  
..... ETS 300 826  
..... Compliant with all European Directives, CE marked

## Accessories

..... Programmers Software Kit (PSK)  
..... Users manual  
..... Desktop Stand  
..... Desktop AC Power Supply  
..... Retractable Laser Scanner Cable Holder