

## **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<br>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  |

# MODEL T2455

## 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")

.....73kg (1.6lbs)

.....1kg (2.2lbs)

## Interfaces

Local Device Communications.....Auxiliary RS-232

Laser Scanners.....10-pin connector for use with Interneec 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.....Vibration tested to SAE J-1399 Class 2

.....MIL STD 810D

Scaling.....Scaled against dust and moisture to NEMA 4 & IP54

## Regulatory Approvals

UL Listed, UL 1950 and C22.2 No. 950

TUV 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