Intermec

Product
Profile

- **Modular design minimizes operator visual obstruction**

- **Small size and flexible mounting**

- **Shock, temperature and environmental protection**

- **Configurable according to user requirements**

- **Supports industry standard communications and 2.4 GHz or 802.11b 11Mbps radio**

2 4 5 5   V E H I C L E   M O U N T   C O M P U T E R

The 2455 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 2455 can tolerate very cold temperatures outdoors or usage in freezers. Wide ranging power supply options make installation in virtually all industrial vehicles easy. The

2455 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 2455 incorporates 2.4 GHz and 802.11b 11Mbps radio support for wide area coverage and interference immunity and interoperability with other WLI Forum OpenAir products.

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)

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

Power
Primary: 12V to 80VDC universal power supply with surge, over-voltage, and reversal protection
Memory Backup: Rechargeable NiCad

Memory
RAM Memory: 1MB
Non-volatile Memory: 2MB Option for 2MB additional, 4MB total
Extended Storage: 2, 4MB SRAM

Interfaces
Local Device Communications:
Auxiliary RS-232
Laser Scanners: 10-pin connector for use with Intermec cabled & wireless laser scanners
- Optical Serial Interface
- RS232-C up tp 38.4 baud
- XMODEM, YMODEM for data transfer
- Supports Configurable Serial Protocol and XON/OFF

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)
- Options for U.S. Multilingual, European, IBM 5250, IBM 3270, and ANSI/VT

Software
Programmable: Microsoft C
Terminal Emulation: IBM 3270 and 5250 SNA and TELNET, ANSI/VT, TN5250, TN3270, Screen Mapping
Web-based: dcBrowser™ for HTML applications

Connectivity
- DHCP Client
- Direct TCP/IP Support
- Sockets interface or terminal emulation
- Network Ethernet or Token Ring

Integrated RF Module
Frequency: 2.4 GHz frequency band, actual frequencies in use vary by country
WLI Forum OpenAir
Type: Frequency Hopping Spread Spectrum
Data Rate: 1.6 Mbps, .8 Mbps fallback
Range*: From 1500+ ft (450+ m) to 500 ft (150 m) depending on environment

IEEE 802.11b Wi-Fi Certified
Type: Direct Sequence Spread Spectrum
Data Rate: 11/5.5/2/1 Mbps with Auto fallback for increased range
Range* at 1 Mbps: From 1750 ft (533 m) to 165 ft (50 m) depending on environment
Range* at 11 Mbps: From 525 ft (160 m) to 80 ft (24 m) depending on environment
Security: Wired Equivalent Privacy (WEP) - 64 or 128 bit encryption
*Unlimited range with roaming

Host Support via DCS 300 Server
Host Environment: IBM AS400, 5/390, Digital, HP, Unix, Windows NT
Connectivity: Ethernet, Token Ring, 100BaseT, Twinax, Coax, SDLC
Communications: TCP/IP, SNA

Accessories
Desktop stand, Desktop power supply, User's Manual, Programmer's Software Kit (PSK), EZBuilder™ Rapid Application Development Software

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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WiFi™
The Standard for Wireless Fidelity.

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About BarcodesInc

BRANDS

Who We Are

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We Owe Our Success To You

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Why Choose BarcodesInc?

Dedicated Account ẴUbUɫ Yf

Our Account Managers will not compromise when it comes to providing you top-notch service. Your Account Manager is the primary point of contact for your business and makes it a priority to get to know you, your company and all your needs.

Highly-Trained Technical Support

Our technical staff has the broadest knowledge and every significant certification in the industry. One of our friendly experts is always available to suggest products and solutions for any situation.

Incredible Value

Our purchasing power means big savings for you. Whatever your project, our team will work hard to deliver a solution that fits your budget.

Largest Inventory in the Industry and Same-Day Shipping

Whatever your barcoding, mobile computing, or printing needs, we will fill your order and ship it the sameÁåæ¦È

Premier Access to Top Manufacturers

BarcodesInc maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

Responsive Customer Service

Every phone call and email is responded to promptly, completely and accurately by our customer serviceÁ&¦^æ¦È

Easy Returns

Damaged, defective or incorrectly ordered goods may be returned without hassle.

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