

Product Profile

- Compact and economical solution for industrial vehicle mount applications
- Standard development and connectivity tools enable rapid deployment and maximize return on investment
- IEEE 802.11b RF connectivity delivers real-time supply chain information for manufacturing, warehousing, distribution and retail applications
- Wi-Fi™ compliance ensures interoperability and investment protection
- Fast and easy integration options for terminal emulation, client/server, or browser-based applications



2 4 7 5 VEHICLE MOUNT TERMINAL

The 2475 is a versatile, high performance and economical terminal for real-time data collection applications using industrial vehicles such as forklift trucks and stock pickers. It is ideally suited for applications such as receipts, cross docking and shipping.

Built to last with a compact die cast aluminum case, the 2475 complies with environmental IP54. The 2475 terminal is designed to withstand the punishments of the typical warehouse application such as constant shock, vibration and power fluctuations common to industrial vehicles. Beyond its ruggedness, the 2475 incorporates the latest IEEE 802.11b Wi-Fi certified radio for premium wireless LAN performance to deliver timely and accurate data for mission critical manufacturing systems.

With the 2475, applications can be developed using industry standard language tools; no proprietary languages to learn and support. The task is even quicker with EZBuilder™, a rapid application development and prototyping tool

that requires no programming language expertise at all. The flexible architecture of the 2475 includes integration options for terminal emulation, client/server, or browser-based applications. And as a member of the 2400 family, the 2475 can utilize software that has been deployed to other 2400 terminals, such as the 2435 or 2415 handheld computers without modification.

As with all 2400 series terminals and computers, the 2475 supports the IEEE 802.11b and TCP/IP standards, and can be factory configured with VT/ANSI or IBM terminal emulation. All 2400 series computers support Microsoft® C/C++ programming for client/server applications, in addition to text based browsing via Intermec's acclaimed dcBrowser™, and terminal emulation via Intermec's TE2000 client application.

Additional options for the 2475 include a variety of cabled and wireless laser scanners, wands, up-to-2 MB of additional Flash memory and 2 or 4 MB SRAM for extended programs and data storage.

Physical Characteristics

Length: 27.1cm (10.7in)
Height: 26.5cm (10.4in)
Width: 9.7cm (3.8in)
Weight: 4.7kg (10.5lb)

Standard Features

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

Power

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

Battery Type: Memory backup – Rechargeable NiCad

Hardware

Memory: RAM Memory – 1MB Non-volatile memory, 2MB option for 2MB additional, 4 MB total.

Extended Storage: 2, 4MB SRAM

Interfaces: Local Device Communications, Auxiliary RS-232

Laser Scanners : Sealed connector for use with Intermec cabled & wireless laser scanners

Display: CGA compatible LCD with backlight. 12 lines by 40 characters per line display up to 24 lines.

Keyboard: Alphanumeric, 59 keys elastomeric; Qwerty layout; 5 separate function keys. Options for IBM 5250, IBM 3270 and ANSI/VT layouts.

Software

Development Environments:

Microsoft C/C++, EZBuilder™

Terminal Emulation:

IBM 3270, 5250, TN5250, TN3270 and ANSI/VT VT100, VT220, VT320

Connectivity

Serial Data Support

RS232-C up to 38.4 baud
 XMODEM, YMODEM for data transfer
 Supports Configurable Serial Protocol and XON/OFF

Host Support Direct Connect

Host Environment: IBM AS/400, S/390, Digital, HP, UNIX with Telnet Services

Connectivity: 2.4 GHz wireless

Communications: TCP/IP, DHCP Supported

Terminal Emulation: TN 5250, TN 3270, VT/ANSI

Host Support via DCS300 Gateway

Host Environment: IBM AS/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, TN5250, TN3270, ANSI/VT

Accessories

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

Environment

Operating Temperature: -10° to +50°C (14° to 122°F)

Storage Temperature: -20° to +60°C (-4 to 140°F)

Humidity: 10 to 90% non-condensing

Shock and Vibration Protection:

Vibration tested to exceed MIL STD 810D

Rain and Dust Resistance: Sealed against dust and moisture to IP54

Wireless LAN Characteristics

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 1750ft (533m) to 165ft (50m) depending on environments

Range* at 11 Mbps: From 525ft (160m) to 80ft (24m) depending on environment

Security: Wired Equivalent Privacy (WEP) –64 or 128 bit encryption

*Unlimited range with roaming

Regulatory Approvals

FCC – Part 15.247 Certified, Canada – RSS 210 Certified, CN 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 (EN 301 489-01), UL Listed, UL 1950, C22.2 #950 & IEC 60529-IP54, TUV Licensed, EN 60950 & EN 60529 – IP54, NYCE Certified, NOM 19

Restrictions On Use

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