

7025 IS Hand-held Terminal



FEATURES

- Intrinsically safe for data communications applications in certain hazardous locations*
- Ideal for many material handling applications when using, producing, or handling paint, chemicals, cosmetics or synthetic compounds even in low temperature facilities*
- Easily integrated into existing Psion Teklogix wireless systems
- Silicone rubber keyboard features easy alphanumeric entry plus programmable macro keys for special characters and frequently used key sequences
- Powerful 32-bit microprocessor for true multi-tasking, multi-screen operation
- Scratch-resistant, easy to read display with choice of display formats

Wireless Benefits in the Hazardous Materials Workplace

INTRINSICALLY SAFE TERMINAL OFFERS SPEED, ACCURACY AND EASE OF USE

The 7025-IS hand-held terminal brings all the benefits of wireless data communications to workplaces involved in the production and movement of potentially hazardous materials, including ignitable substances and vapors. Companies that handle such materials as paint, chemicals, cosmetics, synthetic compounds and more can benefit from real-time communications capability, accuracy and speed – with intrinsically safe devices that feature the same high level of ruggedness and ease of use that Psion Teklogix is known for. Lightweight and ergonomically designed, the 7025-IS transmits and receives data in sub-seconds, and can function simultaneously in multiple emulation modes.

* See specifications on reverse for applicable approvals



information in motion



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Specifications

PROCESSOR

- Microprocessor: 32 bit RISC

WIRELESS COMMUNICATION OPTIONS

- 403-512 MHz Synthesized Narrowband
Transmission power: 2 watts North America;
.01 to 2 watts International
Data rates: 9.6 kbps

PERIPHERALS

- One 8 pin RS-232 serial port supports connection to an intrinsically safe tethered scanner
- Internal beeper, volume and tone control

KEYBOARD

- 55 key "full alpha numeric" format
- 30 addressable function keys and 8 addressable/programmable macro keys

DISPLAY

- Supertwist LCD
- Font sizes supported: 16x32, 16x26, 16x20, 10x26, 10x20, 8x20, 4x10

SIZE AND WEIGHT

- Width at keyboard: 84mm/3.3"
- Length: 242mm/9.5"
- Depth: 46mm/1.8"
- Weight: 767g/27 oz including battery

ENVIRONMENTAL

- Operating: -10°C to 50°C (-14° F to 122° F)
- Storage: -40°C to 60°C (-40° F to 140° F)
- Humidity: 10 to 90% relative humidity, non-condensing
- Drop rating: Multiple 1.2m/4' drops to concrete
- Shock: 30G on all axis
- Vibration: 1.5G RMS PSD (Power Spectrum Density) on frequency range of 4 to 500Hz

APPROVALS (APPROVED BY CSA/FM/LCIE/SIMTARS)

Approved for use in the following environments:

- North America: Class 1, Division 1, Groups C & D
- European Community and Czech Republic: EEX ia IIB T4
- Australia: EX n IIB T4. Class 1, Zone 2

POWER MANAGEMENT

- Fast swap, rechargeable 800 mAh, NiCad battery pack, typically 2.5 hour recharge
- 8-12 hour operation (typical TESS emulation, 5 scan transactions/min.)

ACCESSORIES

- Dual unit, and gang chargers (note: chargers are not I.S. approved)
- Hand Strap, Shoulder Strap
- Belt Loop, Carrying Cases
- Vehicle-Mount Cradle (non-powered)

*Specifications are subject to change without notification.

A WORD ABOUT PSION TEKLOGIX

Psion Teklogix provides mobile computing solutions for the enterprise. The company's systems, installed in more than 15,000 sites worldwide, provide mobile workers with anytime, anywhere access to enterprise IT systems. The largest operating division of Psion PLC, Psion Teklogix plays a key role in its parent company's vision to create new ways to access mobile data and the mobile internet. Psion Teklogix has 41 sales and support offices and 95 independent distributors throughout the world.