TEKLOGIX 7030

HAND-HELD TERMINAL

Your workers are continually on the move, often in demanding physical environments. To keep your supply chain competitive and rapidly respond to customer needs, mobile workers require instant access to information. The Teklogix 7030 Hand-held Terminal puts that information at their fingertips: packed into a rugged, portable unit, the rapid and powerful 7030 gives mobile workers the tool they need to send and receive information and prioritized work instructions, as well as update databases in real-time. The 7030 is engineered to excel in harsh working environments – manufacturing, warehousing, distribution and intermodal operations. It is the first hand-held terminal proven to excel in condensing environments down to -22°F/-30°C.

RUGGED, PORTABLE UNIT WITHSTANDS HARSH CONDITIONS

Designed to Take the Punishment

A key element of Teklogix' total wireless data communications solution, the 7030 features:

- 32-bit RISC multi-tasking architecture allows simultaneous connection and communication with up to six host platforms.

- Cellular switching to ensure continuous data exchange by allowing mobile workers to move seamlessly between coverage cells.

- Rugged construction – custom-molded, robust plastics-blend, thermoplastic banding for shock absorption, sealed against condensation, rain, sleet, salt air and dust penetration.

- A wide range of options customizable to your application, including: components built specifically for sub-zero, condensing environments; voice communications package; pistol grip handle with double-click trigger for simple scanning and data entry; external antenna for increased coverage; and several peripheral connection options.

- Ergonomic design to comfortably fit workers' hands, making data entry easy and efficient. Keyboard layout allows ambidextrous use, in 57- or 40-key format. Alpha, numeric and function keys formatted for easy, efficient use.

- The largest non-glare, scratch-resistant tempered glass display available on a hand-held terminal.

REAL-TIME SUPPLY CHAIN SOLUTIONS

TEKLOGIX

PROCESSOR & MEMORY

- Microprocessor: 32 bit HCMOS, plus 32 bit RISC
- Flash: 2 MB Flash ROM
- RAM: 512 Kbyte RAM

WIRELESS COMMUNICATION OPTIONS

- 403 – 512 MHz Synthesized Narrowband

  Transmission power: 2 Watts North America; 0.01 to 2 Watts International
  Data rates: 4.8, 9.6 or 19.2 Kbps
  Channels: 1 to 16

- 902 – 928 MHz Spread Spectrum Transceiver (Direct Sequence)

  Transmission power: 0.1 to 1.0 Watts
  Data rates: 9.6, 19.2, or 122 Kbps
  Channels: 1 to 7

PERIPHERALS

- Two industrialized I/O ports are standard on all units. The 28-pin connector accepts decoded and non-decoded tethered scanners and serial devices. The 36-pin connector supports printers and other serial devices.
- Internal beeper, volume and tone control

KEYBOARD

- 3 formats available: 40 Key, 57 Key, 57 Key Stand Alone "Z"
- All keyboards available in "glow-in-the-dark" format
- All keys are re-mappable with the exception of the ON/OFF key
- 57 key: 31 accessible function keys (10 single push), and 12 accessible, programmable macro keys
- 40 key: 31 accessible function keys (12 single push), and 12 accessible, programmable macro keys (4 single push)

DISPLAY

- 320x240 pixel ¼ VGA, landscape supertwist LCD with automatic back-lighting, and adjustable contrast
- Screen formats supported: 8x20, 10x20, 10x26, 12x29, 12x40, 17x20, 17x26, 17x32, 17x40, 25x40

SIZE & WEIGHT

- Length: 10.4" (265mm) Width (Grip): 2.9" (74mm) Depth: 1.5" (38mm)
- Weight

  Terminal with 1200 mAh battery and 902 MHz radio: 2.2 lbs (1.0 kg or 35 oz); 2600 mAh battery add 1.5 oz (43 g); Long range scan engine add 1.7 oz (48g); Scanner handle add 3.9 oz (110g); Narrowband add 0.1 oz (3.5g)

ENVIRONMENTAL

- Std. temp. model

  Operating: 32°F to 122°F (0°C to 50°C)
  Storage (not incl. battery): -40°F to 140°F (-40°C to 60°C)
  Humidity: 5 – 95% relative humidity, non-condensing

- Freezer/Extreme temp. model

  Operating: -22°F to 122°F (-30°C to 50°C)
  Storage (without battery): -40°F to 140°F (-40°C to 60°C)
  Humidity: 5 – 96% relative humidity, freezer condensing

- Std. & Freezer/Extreme temp. model

  Drop Rating: 25 drops from 5' and 10 additional drops from 6' onto polished concrete, meets MIL std 810D method 516.4 proc. 4
  Shock: 30 G on all axis
  Vibration: 1.5 G RMS PSD (Power Spectrum Density) on frequency range of 4 to 500 Hz
  Rain/Dust: Rated to IP64 as per IEC 529, IP NEMA 3S and 13

POWER MANAGEMENT

- Fast swap, rechargeable 1200 mAh NiMH battery pack, 2.5 hour charge time
- Optional fast swap, rechargeable 2600 mAh NiMH battery pack, 2.5 hour charge
- 8 hour operation (5 scan transactions/minute)
- High reliability backup (approx. 10 minutes during battery swap)

OPTIONAL INTEGRATED SCANNERS

- Standard Range
- Standard Range, High Visibility
- Long Range
- Built-in software provides auto discrimination of: Code 39, Code 128, EAN 128, EPC-A/E, Codabar, Code 03, Code 11, Interleaved 2 of 5, Plessy and Discrete 2 of 5
- Field installable pistol grip

APPROVALS

- EMC: FCC Part 15 Class B, EMC Directive Class B
- CE Approved

ACCESSORIES

- 1, 3 and 6 Unit Charger/Conditioners
- In-unit battery charger with spare battery slot
- Hand Strap
- Wrist Strap
- Shoulder Strap
- Holster
- Powered and Non-powered Vehicle-mount Cradle

*Specifications are subject to change without notification.

7030 Standard Key
(glow-in-the-dark option)

7030 Z Key

7030 40 Key

7030 Power Cradle

7030 Pistol Grip

A WORD ABOUT TEKLOGIX

Teklogix is a global provider of real-time data collection and communications solutions. The Company enhances its clients' supply chain operations by designing, installing and supporting total wireless solutions for the mobile workforce. Currently, there are more than 6,000 Teklogix systems installed in 50 countries. The Company has 38 sales and support offices and 26 independent distributors throughout North America, Europe, Asia, Australia, the Middle East and South and Latin America.