IMAGETEAM™ 3875
Cordless Linear Imager

Features

Backlit Graphics Display - With 3 sizes for text options, it displays graphic icons that users can easily recognize.

Non-Glossy Keypad - Input data with protectively coated alphanumeric keys, and implement custom character strings using keypad macros.

Dual LED Indicators - Supply bright, visual feedback from many angles in noisy environments.

Script Engine - Create custom applications that run on the scanner to provide easy, step-by-step application prompts.

IQ Editing Pro™ Software - Parse and send 2D bar codes to your host application without changing the host software.

Extendable/Scalable System - Up to 9 scanners per base*, and 20 bases within 31,400 sq. ft. (2919 sq. m), means lower overall system cost.

Multiple Work Groups - A system can have several application personalities configured. Switching from one to another is as easy as scanning a bar code.

* See Scalability information on back.

Do you want the freedom of complete mobility with your bar code scanner? Do you want to eliminate the possibility of an operator pulling on the cable, stretching it near moving machinery and creating a safety hazard? The host computer is up to 100 feet (30 m) away, and you can't reach the keyboard or see the screen. Imagine interacting with the host computer as if you were standing beside it. The cordless IT3875 provides a portable interface to the host, and is capable of real-time bi-directional communication.

With the IT3875 you can view scanned data and make keypad entries the instant you pick it up. With a few key presses, it is configured for a typical picking application, prompting you to scan a part number and to enter a quantity.

The IT3875 displays graphic icons and text in three sizes. The keypad offers superior tactile response and a familiar telephone layout. Keyboard macros allow you to enter long strings of data, or characters that are not on the keypad.

Changes to your host software can cost a lot of time and money. Instead, create custom applications that run on the scanner itself. Not a programmer? Construct your application with only a few point-and-click operations using Hand Held Products' *IQ App Designer™* software package.

Linear imaging technology is synonymous with laser-like reading distances, exceptional durability, high speed, and the best overall value. The IT3875's ergonomic design and light weight make it ideal for scanning-intensive applications. In addition, the IT3875 is an aggressive bar code scanner, capable of reading the symbologies that matter to you. This includes all the standard linear bar codes, plus PDF417 on shipping labels, RSS codes on shelf labels, and MicroPDF417 on consumer electronic products.

At Hand Held Products, our scanners are not just warranted to last, but they are designed to last. The IT3875, built to endure harsh work environments, is backed with a three year warranty, the best of any scanner in its class.

Optical Performance

Illumination:	630 nm Visible Red LED, no moving mirror elements
Sensor:	3648 element linear imager
Read Rate:	270 scans and decodes per second
Horizontal Velocity:	3 in. (7.6 cm) per second
Min. Reflective Difference:	20%
Ambient Illumination:	0 to 100,000 lux

Decoder (full autodiscrimination)

Symbologies Supported:	UPC-A, UPC-E, EAN-13 (including Bookland EAN), EAN-8, Reduced Space Symbology (RSS), Code 39, Code 128, UCC/EAN-128, ISBT 128, Codabar, Code 11, Code 93, Interleaved 2 of 5 (including ITF-14), Straight 2 of 5 (including IATA), Matrix 2 of 5, Telepen
IT3875 PDF only:	PDF417, MicroPDF417, EAN•UCC Composite Symbology

Mechanical/Environmental/Physical

Seal (IEC 529 rating):	IP54 (water and dust resistant)
Mechanical Shock:	Functional after 26 drops from 6 ft. (1.8 m)
Operating Temperature:	32° to 122°F (0° to 50°C)
Storage Temperature:	-22° to 140°F (-30° to 60°C)
Humidity:	5 to 95%, non condensing
ESD Protection (IEC 801-2 rating):	Functional after 15 kV discharge
Scanner with Charge Pack:	Weight: 18.5 oz. (524 g) Height: 8.7 in. (22.2 cm)

Radio

Type:	Frequency-hopping spread spectrum, multi point-to-point
Frequency:	Unlicensed 2.4 GHz (ISM Band)
Range:	100 ft. (30 m), typical
Data Rate:	1 Mbps
Power Output:	<1 mW
Scalability:	Up to 9 scanners per base, 180 scanners within 31,400 sq. ft. (2,919 m^2) with one-way communication to host Up to 7 scanners per base, 140 scanners within 31,400 sq. ft. (2,919 m^2) with two-way comunication using Host ACK Up to 4 scanners per base, 80 scanners within 31,400 sq. ft. (2,919 m^2) with two-way comunication using Host Commands or Host Routines

Charge Pack

Type:	NiMH batteries with built-in international charging circuit
Number of Scans:	13,680 (19 hours at 720 scans per hour)
Input Voltage:	100 to 240 VAC, 50 to 60 Hz
Charge Time at 120 Vac:	6 hours for full charge from full discharge

Display

Type:	High contrast graphic LCD (97 x 32 pixels) with backlight
Font Size:	User-selectable between small (16 chars x 4 lines), medium (12 chars x 3 lines), and large (8 chars x 2 lines)

Keypad

Number of Keys:	16 keys, single-stroke numeric, shifted alpha
Keypad Macros:	One wildcard key and 10 two-stroke function keys can be set to any string of up to 20 characters

Script Engine

Script Language:	VersaCode™ for custom applications without host modifications
Functions:	Text and graphic display, input from scanner and keypad, advanced data formatting, host message relay, beeper, LED and backlight control, and IQ Editing Pro™

Warranty

Three year factory warranty

Agency Conformance*

Electromagnetic Emissions/Immunity:	FCC Part 15 Class B, SOR 88/475 Class B, EN 55022 (CISPR22) Class B, EN 61000-3-2 & -3, ETS 300 826, EMC 89/336/EEC, EN 50082-1:1992, IEC 801-2:1991, IEC 801-3:1984, IEC 801-4:1988
Electrical Safety:	UL listed, C22.2 No 950/UL 1950, cUL Listed, TUV Rheinland GS Licensed EN 60950 (IEC950), AS/NZS 3548
Radio:	FCC Part 15.249, RSS 210, ETS 300 328

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