

IMAGETEAM™ 3800LR

Hand Held Linear Imager



Features

Bright, Sharp and Focused Aiming Line - Easy to aim and scan codes in any lighting condition from darkness to full sunlight, tightly stacked bar code sheets, or small, high resolution labels.

Solid, Rugged Design - No moving parts inside and solid construction outside deliver years of reliable service in demanding work environments.

Modern Design - Attractive styling compliments most existing POS environments, while user comfort is enhanced by the smooth handle curves, soft molded grip area, and comfortable trigger.

Powerful, Flexible Architecture - Connects and interfaces to all major PCs, commercial and retail POS terminals easily and quickly with Windows® based programming tools or bar code programming menus.

Increased Reading Distances - Easily covers the full range of hand held scanning uses in point of sale and general purpose scanning applications.

Real World Reading Performance - Accommodates printer induced bar space variation, faded labels, short quiet zones, low contrast codes, dot matrix printing, and multipart forms with higher resolution, better optics, and improved decoding algorithms.

5 Year Warranty

Now with RSS

The IMAGETEAM™ 3800LR is a high performance, hand held bar code scanner. The IT3800LR uses linear imaging technology to set a new standard for hand held scanners by combining a bright, sharp aiming line with high resolution imaging to deliver exceptional reading performance.

The IT3800LR handle is smoothly contoured to fit all sized hands, plus has a soft grip area to add comfort and prevent slipping. Its aesthetically pleasing look surrounds a rugged, durable construction, built for demanding work environments. The IT3800LR is so durable, it carries a 5 year warranty.

Each decoded output scanner has the capability to connect as a keyboard wedge, use the serial port, output non decoded laser compatible signals, or operate in wand emulation mode. The IT3800LR connects to all popular PCs, Apple MAC, and portable data terminals. Models are available for IBM retail terminals (4683/93, OCIA), True RS-232, and PDF417 applications. A non-decoded mode can be used with external wedge decoders and portable terminals or other devices with decoding capability. Standard cables are used to reduce replacement expense.

The IT3800LR is excellent in hand held scanning applications such as retail point of sale and in-store inventory. It operates from a tabletop holder in manual trigger mode, or may be placed in an adjustable stand for automated operation. The IT3800LR can be used indoors or outside in bright sunlight. Typical applications are retail point of sale, in-store inventory, document management, transaction processing of bar coded receipts, payment counter, outdoor sales kiosks, and reading of vehicle registrations.

Upgrade your image.

IMAGETEAM 3800LR Specifications

Performance

Illumination:	630 NM Visible Red LED
Receiving Device:	3648 element linear imager
Reading Distance:	From 1 in. (2.5 cm) to 8 in. (20.3 cm) on medium density codes
Reading Width:	5 in. (12.7 cm) code width at 7 in. (17.8 cm) distance
Resolution:	3 mil. at 3.5 in. (8.8 cm) distance
Skew Angle:	±55°
Pitch Angle:	±55°
Horizontal Velocity:	2 in. (5.1 cm) per second
Minimum Reflectance Difference:	30%
Scan Rate:	Programmable to 270 scans per second
Decode Rate:	270 decodes per second

Mechanical/Electrical

Dimensions			
Length:	5.3 in. (13.5 cm)		
Height:	6 in. (15.2 cm)		
Width:	3.1 in. (7.9 cm)		
Weight:	6.3 oz. (179.2 g)		
Housing:	Polycarbonate/ABS blend, UL 94V0		
Power Requirements:	5Vdc ± 10% at scanner (-11 model: 5 -12Vdc ± 10%)		
Current Draw:		Low Power	
		-11 and -13	
	<u>Scanning</u>	<u>Standby</u>	<u>models only</u>
@270 s/s	275mA	125mA	30 mA
@67 s/s	150mA	125mA	30 mA

Power Supply

Noise Rejection:	Maximum 100mV peak to peak, 10 to 100 kHz
-------------------------	-------------------------------------------

Environmental

Temperature	
Operating:	+32°F to +122°F (0°C to +50°C)
Storage:	-4°F to 140°F (-20°C to +60°C)
Humidity:	0 to 95%
Mechanical Shock:	Operational after 50 drops from 5 ft. (1.53 m) to concrete
Ambient Illumination:	0 - 70,000 lux
ESD Protection:	Functional after 15kV discharge
Vibration:	Withstands 5G peak from 20 to 300 Hz
Agency:	FCC Class B, CE EMC Class B, CE Low Voltage Directive, IEC60825-1 LED Safety: Class 1, UL, cUL listed, TÜV
MTBF:	per MIL-HDBK-217F Ground Benign exceeds 100,000 hours
Symbolologies:	Codabar, Code 3 of 9 including PARAF, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, Code 11, Code 93, Code 128, UPC, EAN/JAN, China Postal Code, RSS. PDF417 in 3800 PDF-12 model.
Interfaces:	All popular PCs and terminals via keyboard wedge, keyboard replacement/direct connect, Apple ADB, USB, TTL level RS-232, wand emulation mode, TTL level Serial Wedge, and includes (HHLC) non decoded laser compatible output. IBM 4683/93 and OCIA retail terminals in 3800 LR-11 model. True RS-232 in 3800LR-13 model.
Warranty:	Five year factory warranty.

Worldwide Offices

Offices Serving North America
Skaneateles Falls, NY
Tel: +1 315 685 8945
or, in North America: +1 800 782 4263
sales@hhp.com
Charlotte, NC
Tel: +1 704 998 3998
or, in North America: +1 800 782 4263
sales@hhp.com

Offices Serving Europe, Middle East, and Africa
Europe
Tel: +31 (0) 40 29 01 600
euro_sales@hhp.com
United Kingdom
Tel: +44 (0) 1 925 240055
euro_sales@hhp.com
Ireland
Tel: +353 (0) 502 44007
euro_sales@hhp.com

France
Tel: +33 (0) 1 461 04111
euro_sales@hhp.com
Germany
Tel: +49 (0) 7 477 151377
euro_sales@hhp.com
Spain
Tel: +34 93 228 76 68
euro_sales@hhp.com

Offices Serving Asia and the Pacific Rim
Hong Kong
Tel: +852 2511 3050/2511 3132
asia_sales@hhp.com
Japan
Tel: +813 52127392
asia_sales@hhp.com

Offices Serving Latin America
Naples, Florida
Tel: +1 239 263 7600
la-sales@hhp.com
S. o Paulo
Tel: +55 11 5016 3454
la-sales@hhp.com
Rio De Janiero
Tel: +55 21 2494 7060
la-sales@hhp.com

Web Site Address www.hhp.com

Hand Held Products, Inc. d/b/a HHP (IHHP) ©1999-2002. All rights reserved. Printed in the U.S.A.

Due to HHP's continuing product improvement programs, specifications and features herein are subject to change without notice.