

POSMicro

[POINT OF SALE MADE SIMPLE]

For Help Call
1.800.241.6264




Honeywell Data Sheet

More information available at POSMicro.com

QUESTIONS?

Ask the experts at POSMicro.com.

 **1.800.241.6264**

 **Live Chat Now**

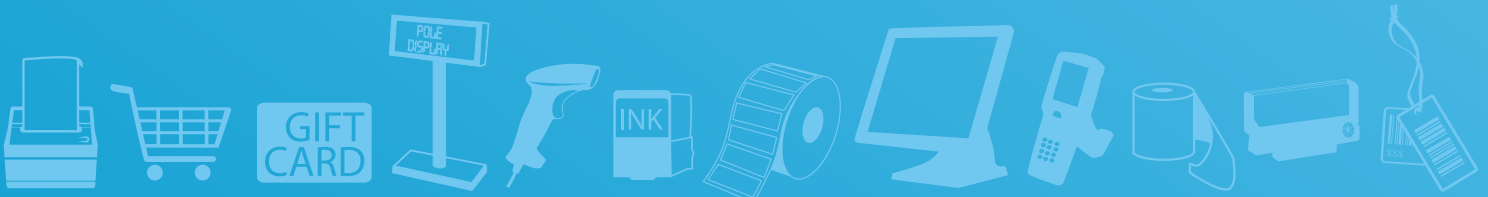
 support@POSMicro.com

Monday - Friday 6 AM to 5 PM Pacific Time

BULK DISCOUNTS

FREE SHIPPING*

**SE HABLA
ESPAÑOL**



*Free ground shipping to the continental USA on orders over \$100.

3800LR

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

The 3800LR 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 3800LR 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 3800LR 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 3800LR is excellent in handheld 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 3800LR 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.

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 models only
	<u>Scanning</u>	<u>Standby</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
Symbologies:	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: +1 800 582 4263
napresales@handheld.com
Charlotte, NC
Tel: +1 704 998 3998
or, in North America: +1 800 582 4263
napresales@handheld.com

Offices Serving Europe, Middle East, and Africa
Europe
Tel: +31 (0) 40 29 01 600
eupresales@handheld.com
United Kingdom
Tel: +44 (0) 1 925 240055
eupresales@handheld.com
Italy
Tel: +39 (0) 2 67 100752
eupresales@handheld.com

France
Tel: +33 (0) 1 41 158220
eupresales@handheld.com
Germany
Tel: +49 (0) 7 477 151377
eupresales@handheld.com
Spain
Tel: +34 93 228 78 68
eupresales@handheld.com

Offices Serving Asia and the Pacific Rim
Hong Kong
Tel: +852 2511 3050
appresales@handheld.com
Japan
Tel: +813 5770 6312
appresales@handheld.com
Shanghai
Tel: +86 21 6361 3818
appresales@handheld.com

Offices Serving Latin America
Naples, Florida
Tel: +1 239 263 7600
lapresales@handheld.com
São Paulo
Tel: +55 11 2178 0500
lapresales@handheld.com
Rio De Janeiro
Tel: +55 21 2178 0500
lapresales@handheld.com
Mexico
Tel: +52 55 5203 2100
lapresales@handheld.com

Web Site Address www.handheld.com

Hand Held Products, Inc., ("Hand Held Products") © 1999-2006. All rights reserved. Printed in the U.S.A.
Due to Hand Held Products' continuing product improvement programs, specifications and features herein are subject to change without notice.