

HAMMER SCANNER™ 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

Call MIDCOM Today...
(800) 643-2664

Ask About our **FREE**
Try & Buy Program

The HAMMER SCANNER™ is a high performance, hand held bar code scanner. The HAMMER SCANNER™ 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 HAMMER SCANNER™ 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 HAMMER SCANNER™ 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 HAMMER SCANNER™ 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 HAMMER SCANNER™ 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 HAMMER SCANNER™ 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.

HAMMER SCANNER™ 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>	<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
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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 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 LR-11 model. True RS-232 in LR-13 model.
Warranty:	Five year factory warranty.

Call to Request a Quote
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