

IMAGETEAM™ 3800LTP

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.

New 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 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

The IMAGETEAM™ 3800LTP is a high performance, hand held bar code scanner. The IT3800LTP 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 IT3800LTP 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 IT3800LTP is so durable, it carries a 5 year warranty.

Each decoded output scanner has the capability to connect as a keyboard wedge or to use the serial port. The IT3800LTP connects to all popular PCs. Standard cables are used to reduce replacement expense.

The IT3800LTP 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 IT3800LTP 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, and outdoor sales kiosks.

IMAGETEAM™ 3800LTP 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:	5 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

Current Draw:	<u>Scanning</u>	<u>Standby</u>
@270 s/s	275mA	125mA
@67 s/s	150mA	125mA

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: -40°F to 140°F (-36°C to +60°C)

Humidity: 0 to 95%

Mechanical Shock: Operational after 25 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.

Interfaces: All popular PCs via keyboard wedge and TTL level RS-232.

Warranty: Five year factory warranty.