IMAGETEAM™ 3800i Kit Series
USB Interface Hand Held Linear Imager in Apple® iMac™ Frost Color

HandHeld
PRODUCTS ™

Hand Held Products offers scanners to complement the Apple® iMac™. The IMAGETEAM™ 3800i is a high performance, hand held bar code scanner. The IT3800i 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 IT3800i 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, with no internal moving parts, that's built for demanding work environments. The IT3800i 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 IT3800i connects to the Apple iMAC via the USB port. Kits include a USB cable.

The IT3800i 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 IT3800i can be used indoors or outside in bright sunlight. In addition to point-of-sale and in-store inventory, the IT3800i is used for document manage-ment, education, transaction processing of bar coded receipts, payment counter, outdoor sales kiosks, and reading of vehicle registrations.

Features

Translucent Plastic Housing - Complements iMac computers and provides a sharp, modern look without sacrificing user comfort.

USB Interface - Compatible with iMac and other USB compliant PCs.

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.

5 Year Warranty

Powerful, Flexible Architecture - Connects and interfaces to all major PCs, commercial and retail DOS 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.

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:	$\pm55°$
Pitch Angle:	$\pm55°$
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 $\pm$ 10% at scanner

Current Draw:	Scanning	Standby
@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 (-40°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, EN60825-1 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 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.
Warranty:	Five year factory warranty.