

Cordless Linear Imager

CIRCULATION & INVENTORY SCANNER

Introducing Book Systems' newest line of cordless circulation and inventory scanners. The Cordless Linear Imager offers the latest in barcode reader technology, providing fast, reliable barcode scanning and an unsurpassed ability to read even poor quality barcodes.

This unit offers a presentation scanning mode when docked for efficient, hands-free scanning, and cordless portability when used in-hand. Use the cordless linear imager to perform a live portable inventory, without having to upload scanned barcode information back to your system.



What makes the Cordless Linear Imager better than the previous generation of barcode readers?

The most obvious is having the flexibility to move around without being tied down by cord. The cordless imager reader is guaranteed to have a 33 foot working range, but some users have reported being able to scan items from more than 200 feet away from the base. When out of range, audible beeps are heard and the cordless imager will automatically store the scanned barcodes. Once within working range of the base, the stored scanned barcodes are immediately transmitted.

The imaging technology provides 270 scans per second, making barcode reading faster. Unlike your typical laser scanner, the linear imager has no moving parts and can withstand more than fifty 6 foot drops to concrete.



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Cordless Linear Imager Specifications

Performance

Illumination:	630 NM Visible Red LED
Receiving Device:	3648 Element linear imager
Reading Distance:	From 1 inch (2.5 cm) to 24 inches (61 cm) on medium density barcode codes
Reading Width:	7.5 mil code: 7 inches (18 cm) from nose, 6.6 inches (17 cm) wide 13 mil code: 16.5 inches (42 cm) from nose, 10 inches (25 cm) wide
Resolution:	5 mil at 5 inches (13 cm) distance
Skew Angle:	± 65°
Pitch Angle:	± 65°
Minimum Symbol Contrast:	20%
Scan Rate:	Up to 270 scans per second
Decode Rate:	270 decodes per second
Symbologies:	China Post, Codabar, Codablock F, Code 2 of 5, Code 11, Code 16K, Code 39, Code 32 Pharmaceutical (PARAF), Code 49, Code 128, EAN/JAN, IATA Code 2 of 5, Interleaved 2 of 5, Korea Post, Matrix 2 of 5, Coupon Code, MSI, Plessey Code, PosiCode, GS1 DataBar, Telepen, Trioptic, UPC-A, UPC-E and ISBT 128 Concatenation (requires paid license). 2005 Sunrise/GTIN compliant.

Radio

Frequency:	2.4 to 2.4835 GHz (ISM Band) Frequency-hopping Bluetooth version 1.2
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Physical

Operating Temperature:	14° to 122° F (-10° to 50° C)
Storage Temperature:	-40° to 140° F (-40° to 60° C)
Relative Humidity:	Up to 95% humidity (non-condensing)
Mechanical Shock:	6 ft. (1.8 m) multiple drops to concrete, all axis, and across operating temperature range
Ambient Illumination:	0-76,000 lux
ESD Protection:	Functional after 15 kV discharge
Environmental:	IP41 rating rated for blown dust and water intrusion
Dimensions:	Scanner w/ battery: Height: 6.5 inches (16.5 cm) Base: Height: 3.1 inches (7.9 cm)
Weight:	Approximately 9.7 oz. (261 g)

Battery (Lithium Ion)

Capacity:	2,000 mAh
Number of Scans:	57,000
Expected Hours of Operation:	16 hours @ 1 scan every second
Charge Time with 9 VDC Brick:	4 hours for full charge from full discharge

Base Charging Unit



Features

- **Fast Charge:** Fully charges a Li-ion battery in four hours
- **Direct Communications:** USB 1.1 (12 Mbps) port connects to a client computer
- **Docking Status:** Easy to view LED displays successful docking status

The base unit is a compact storage and rugged charging cradle and hands-free stand for the Cordless Linear Imager.

