



# LS 3070 Cordless Scanner



## Unequaled Freedom and Flexibility

The LS 3070 Cordless Scanner is the first scanner that goes where you go – anywhere up to 50 feet from your host. That's because the LS 3070 uses unlicensed low-power radio frequency (RF) transmission to communicate with your host computer. It makes even the most difficult jobs go faster, smoother and easier... because there's no cable, there are no restraints.

Wireless scanning is the key to increased productivity in a great many applications:

- ▶ *In factory or warehouse applications* where the cable restricts movement and wireless scanning is simply a better solution.
- ▶ *In harsh environments* where the cable can get damaged and make your scanner system inoperable.
- ▶ *In retail environments* where a cabled scanner limits access outside of the counter area and heavy, oversized or bulk items are difficult to bring to the counter for checkout.

▶ *In shipping and receiving applications* where the cable denies access, LS 3070 is the only solution.

In fact, LS 3070 is the first and only hand-held laser scanner to combine mobility, durability and aggressive scanning performance.

## Greater Convenience and High Performance, Too

The LS 3070 Cordless Scanner delivers all the performance you've come to expect in hand-held scanners from Symbol Technologies. It's the performance equal of our LS 3000 Series scanners, known throughout the world as the benchmark for fast, accurate bar code reading and reliability in tough outdoor, industrial and retail environments.

LS 3070 Cordless Scanners are



built for unmatched reliability. That means LS 3070 can withstand repeated six-foot drops onto concrete... operate in high humidity, heat, cold, rain and snow... anywhere a cabled scanner can go and places it can't, LS 3070 can go, without the cable restraints.



## Features for Flexibility

▶ *Universal interface base* – allows connectivity to many popular PC, POS and computer terminals for easy integration into your existing data collection environment.

▶ *Base station* – features replaceable interface cable modules for easy upgrades to new host terminals, and acts as a holder as well as recharge station for LS 3070's battery.

▶ *Rechargeable batteries* – charged within two hours, with each charge yielding a minimum of eight hours of operating time. Batteries can be charged in the scanner or removed and charged separately to maximize scanner utilization.

▶ *Power down circuitry* – scanner turns itself off after successful data transmission to further conserve battery power.

The LS 3070 Cordless Scanner is backed by Symbol Technologies' worldwide service and support network. With more than 3.5 million scanners and terminals installed, Symbol is the world leader in bar code-based data transaction systems.

# LS 3070 Specification Highlights

Performance Characteristics	
Models:	LS 3070STD—Standard CDRH Class II LS 3070LR—Long Range CDRH Class II LS 3070ALR—Advanced Long Range CDRH Class IIIA LS 3070XLR—Extra Long Range CDRH Class IIIA LS 3070HV—High Visibility CDRH Class IIIA
Light Source:	675 nm laser diode
Scan Rate:	36 (±3) scans/sec (bidirectional)
Skew:	LS 3070STD— ± 65° from normal LS 3070LR/ALR/XLR/HV— ± 55° from normal
Pitch:	LS 3070STD— ± 55° from normal LS 3070LR/ALR/XLR/HV— ± 45° from normal
Print Contrast:	LS 3070STD/HV—20% at 675 nm LS 3070LR/ALR/XLR—50% at 675 nm
Decode Capability:	UPC/EAN, UPC/EAN with supplementals, Code 39, Code 39 Full ASCII, Code 128, Codabar, Interleaved 2 of 5, Discrete 2 of 5, MSI/Plessey
Scanner Weight:	14.7 oz. (417 gms)

User Environment	
Ambient Light:	Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting conditions
Operating Temperature:	32° to 104° F (0° to 40° C)
Storage Temperature:	-40° to 140° F (-40° to 60° C)
Humidity:	5% to 95% (noncondensing)
Durability:	Multiple 6-ft. (183 cm) drops to concrete
Environmental:	Sealed against windblown dust and rain
ESD:	Conforms to 15 V rating as per IEC 801-2 (1985)
EMI Generation:	Conforms to FCC Class A and B limits

Radio	
Radio Range:	Up to 50 ft. and 100 coexisting systems*
Frequency:	Unlicensed 2.4 GHz pt.-to-pt. narrow band
Radio Power Output:	<1 mW

Base I/F Charger	
Interfaces:	RS-232-C, AT/XT/PS/2 keyboard wedges, OCR, OCIA, 4693/4683/3683/3653, NCR 7052/2152/215/280, Fujitsu 9000/8770/7990/7880/7770, Nixdorf 8812, ICL 9505/07/18/20, dual RS-232-C, IBM 3278/3179/3180/3178/316X/319X/3151/347X, DEC VTXX/3XX/4XX, HP700/234X, WYSE 60/85/160/185
Input Devices:	Accepts dual-track magnetic stripe reader
Data Formatting:	Complete data editing capability
Charge Time:	2-hour fast charge
Base Dimensions:	3.5" (8.9 cm) H x 9.5" (24.1 cm) L x 4" (10.2 cm) W
Power:	5/12 V @ 600 mA/1A

\* Due to the nature of radio transmission, signal strength and range will vary depending on the application environment.

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