

Symbol LS-4208 Laser Barcode



LS-4208 Laser Barcode

TECHNICAL SPECIFICATIONS:

Physical Characteristics	
Dimensions	6.7 in. H x 3.7 in. L x 2.7 in. W (17 cm H x 9.3 cm L x 6.8 cm W)
Weight	Approximately 6.4 oz. (181 g)
Voltage	5 +/-10%VDC @ 140 mA (Stand by: <35 mA)
Operating Current	130 mA typical, 175 mA max
Power Sources	Host power or external power supply (power supply or battery box)
Color	Cash Register White
Performance Characteristics	
Light Source	650 nm visible laser diode
Scan Rate	200 scans per second
Nominal Working Distance	5 mil (Code 39): 1.5 to 5.5 in. (3.81 to 13.97 cm) 13 mil (100% UPC/EAN): 0 to 19 in. (0 to 48.25 cm) 10 mil (Code 39): 0 to 14 in. (0 to 35.56 cm) 20 mil (Code 39): 0 to 29 in. (0 to 73.66 cm)
Print Contrast	25% minimum reflectance
Roll (Tilt)	+/- 35 degrees
Pitch	+/- 60 degrees
Skew (Yaw)	+/- 60 degrees

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Achieving Horizons

Decode Capability	UPC/EAN and with supplementals, Code 39, Code 39 Full ASCII, Tri-optic Code 39, RSS Variants, UCC/EAN 128, Code 128, Code 128 Full ASCII, Code 93, Codabar (NW1), Interleaved 2 of 5, Discrete 2 of 5 MSI, Codell, IATA, Bookland EAN, Code 32
Interfaces Supported	Keyboard Wedge
User Environment	
Operating Temperature	32° to 122° F/0° to 50° C
Storage Temperature	-40° to 158° F/-40° to 70° C
Humidity	5% to 95% relative humidity, noncondensing
Drop Specifications	Withstands repeated 6-ft. (1.8-m) drops to concrete
Ambient Light Immunity	Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting conditions
EAS support	Optional Checkpoint EAS
Regulatory	
Electrical Safety	Certified to UL1950, CSA C22.2 No. 950, EN60950/IEC950
EMI /RFI	FCC Part 15 Class B, ICES-003 Class B, European Union EMC Directive, Australian SMA
Laser Safety	CDRH Class II, IEC Class 2