

# LS2208

## 범용 바코드 스캐너

경제적인 Symbol LS2208 핸드헬드 바코드 스캐너는 인체공학적인 경량 설계로 빠르고 안정적인 스캔 성능을 제공합니다.



최대 17인치에 이르는 넓은 작동 범위로 소매 매장, 병원, 학교 또는 공공 시설에 적합한 기기입니다.  
다중 온보드 인터페이스로 구성되어 있어 다양한 호스트 시스템과 통합할 수 있습니다.

## Specification

### Physical Characteristics

#### Dimensions

6.0 in. H x 2.5 in. W x 3.3 in. D  
15.2 cm. H x 6.4 cm. W x 8.5 cm. D

#### Weight

5.3 oz./150.0 g

#### Input Voltage Range

4.5 to 5.5 VDC host powered;  
4.5 to 5.5 VDC external power supply

#### Current

Operating Current  
at Nominal Voltage (5.0V) : 175 mA (typical)  
Standby Current (idle)  
at Nominal Voltage (5.0V) : 90 mA (typical)

#### Supported Host Interfaces

USB, RS232, Keyboard Wedge, TGCS (IBM) 46XX  
over RS485

#### Keyboard Support

Supports over 90 international keyboards

#### User Indicators

Direct decode indicator, good decode LEDs,  
beeper (adjustable tone/volume)

### Performance Characteristics

#### Light Source

650 nm Laser Diode Class 2

#### Minimum Print Contrast

20% minimum reflective difference

Scan Pattern Single line

Scan Speed 100 scans per second

Scan Angle 35°

Skew Tolerance ± 65°

Roll Tolerance ± 60°

### User Environment

#### Operating Temp.

32° to 122° F/0° to 50° C

#### Storage Temp.

-40° to 158° F/-40° to 70° C

#### Humidity

5% - 95% RH, non-condensing

#### Drop Specification

Designed to withstand multiple drops at 5.0 ft./1.5 m  
to concrete

#### Tumble Specification

Designed to withstand 500 tumbles  
in 1.64 ft./0.5 m tumbler

#### Environmental Sealing

IP30  
Electrostatic ESD per EN61000-4-2, +/-15 KV Air,  
Discharge (ESD) +/-8 KV Direct, +/-8 KV Indirect

#### Ambient Light Immunity

0 to 8,000 Foot Candles / 0 to 86,080 Lux: tolerant to  
typical artificial indoor and natural outdoor  
(direct sunlight) lighting conditions;  
Fluorescent, Incandescent, Mercury Vapor,  
Sodium Vapor, LED4: 450 Ft. Candles (4,844 Lux)  
Sunlight: 8000 Ft. Candles (86,111 Lux)

### SYMBOL DECODE CAPABILITY

#### Scanning Technology

Code 39, Code 128, Code 93, Codabar/NW7,  
Code 11, MSI Plessey, UPC/EAN, 12 of 5, Korean 3 of 5,  
GS1 DataBar, Base 32 (Italian Pharma).  
Refer to Product Reference Guide for complete list of  
symbolologies.

#### Minimum Element Resolution

Code 39: 3.0 mil



### Regulatory

#### Electrical Safety

EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12:  
2011 + AC 2011; IEC 60950-1: 2005 + A1: 2009;  
UL 60950-1, second edition: CAN/CSA-C22.2  
No. 60950-1-07

#### EMI/RFI

FCC 47 CFR Part 15, Subpart B, Class B; ICES-003 Issue 4,  
Class B; Compliant with EMC Directive 2004/108/EC

#### Laser Safety

CDRH Class II, IEC Class 2

#### Environmental

Compliant with RoHS Directive 2011/65/EU; EN 50581: 2012

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