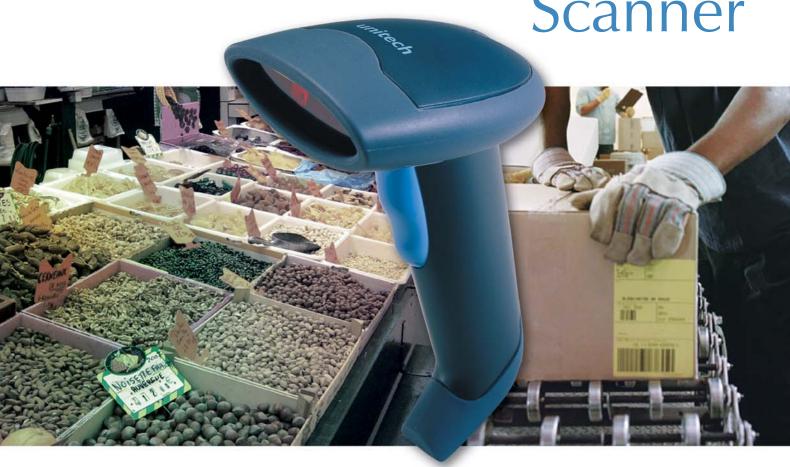


MS849

Rugged Handheld Laser Scanner



Unitech's handheld laser scanner MS849 provides for greater productivity and efficiency with its fast and accurate scanning engine and rugged design. The MS849 reads GS1 DataBar bar codes and features a variety of reliable and aggressive performance features that ensure its capability in various applications, such as warehousing, retail and healthcare.

Reads GS1 DataBar Codes

With its powerful and reliable laser scan engine, the MS849 is able to decode GS1 DataBar symbologies, including limited, omnidirectional, stacked omnidirectional, stacked, expanded, expanded stacked and truncated, and delivers fast and accurate scanning performance.

Flexible and Cost Effective

The MS849 supports OPOS drivers, which makes set up and configuration fast and easy and ensures efficient performance in many retail applications including inventory, bill tracking and customer service. This cuts costs by reducing installation time and maintaining worker productivity. The interchangeable cable design allows users to change interfaces by simply replacing a cable.

Rugged and Reliable

The MS849 resists multiple 1.5 meter drops to concrete, minimizing downtime due to breakage and lowering the total cost of ownership. Although tough enough to handle industrial use, the MS849 is lightweight and ergonomically designed making it comfortable and easy to use, even for long periods of time. The ESD protection guarantees the device can withstand 8KV Contact and 12KV Air electro-static discharge.

Features

- Laser scan engine
- Reads GS1 DataBar symbologies
- Supports OPOS drivers
- Auto-detect interface
- Supports USB, Keyboard Wedge, RS232
- Fireproofing Enclosure
- IP42 Rated
- 1.5 Meter Drop Threshold



MS849

Specifications

Performance/Optical

Light Source 650nm Laser diode

Max. Resolution 4 mil

Scan Rate 90 scans/second Skew Angle 30 degree Pitch Angle 60 degree Printing Contrast Scale 90%

Depth of Field

Reading Distance 33-55mm(4 mil Code 39)

30-70mm(5 mil Code 39) 20-180mm(10.4 mil EAN) 30-250mm(15.6mil EAN)

Width of Field Code 39: 230mm / 0.9 (40 mil)

Trigger Mode, Flash Mode, Continuous Mode Operation Mode

Symbologies

Codabar, Code 39, Code 93, Code 128, Industrial 2 of 5, Interleave 2 of 5, Matrix 2 of 5, MSI, Pharmacodes, Plessey, 4, Telepen, All UPC/EAN, DataBar-limited, DataBar-Omnidirectional, DataBar-Stacked Omnidirectional, DataBar-Stacked, DataBar-Expanded, DataBar-Expanded Stacked, and DataBar-Truncated

Electrical

Operation Voltage DC 5V+ 5% Standby current 55mA~65mAA 135mA~145mA Working current

Environmental

Operating Temperature 0°C to 50°C Storage Temperature -20°C to 60°C

Relative Humidity 20% to 85% non-condensing

ESD Protection 8kv contact/12kv air IP Rate IP42 Rated

Drop test 1.5Meter / 5-Foot Drop Threshold

Communication

USB(HID), RS232, K/W

BCR Mechanical

Dimensions L100xW70xH180 mm Weigh 110g (scanner only)

Regulatory Approvals

FCC Class A, CE, BSMI

Accessories

Cable, Stand, Holder











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