MS839E
Rugged Handheld Laser Scanner

Rugged meets smart phone
Unitech's handheld laser scanner MS839E provides for greater productivity and efficiency with its fast and accurate scanning engine and rugged design. The MS839E 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 MS839E 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 MS839E 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 MS839E 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 MS839E 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 4KV Contact and 8KV Air electro-static discharge.

Features
- Support GS1 databar symbologies
- Support USB, Keyboard Wedge and RS232
- Replaceable cable accessorized
- Beeper volume over 70db
- 1.5 Meter / 5-Foot Drop Threshold

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Performance/Optical

Light Source	650nm Laser diode
Max. Resolution	5 mil
Scan Rate	100~110 scans/second
Skew Angle	40 degree
Pitch Angle	60 degree
Printing Contrast Scale	60%

Depth of Field

Width of Field	Code 39 192mm/0.3(12mil)
Operation Mode	Trigger, Flash, Continuous
Reading Distance	

Label / DOF	near	far
Code 39, 5mil	50mm	90mm
Code 39, 10mil	20mm	230mm
Code 39, 15mil	30mm	280mm
Code 39, 20mil	50mm	330mm

Symbologies

UPC-A/UPC-E, EAN-8/EAN-13, Industrial 2 of 5, Codabar, Matrix 2 of 5, Code 11, Code 93, Code 32, Code 128, Standard Code 39, Full ASCII Code 39, Interleaved 2 of 5, China Postal Code, MSI Plessy Code, UK Plessy code, EAN/UCC 128, Telepen Code, IATA Code, GS1 Databar code

Electrical

Operation Voltage	DC 5V +_ 5%
Standby current	<70mAA
Working current	<185mA

Environmental

Operating Temperature	0°C to 45°C
Storage Temperature	-20°C to 60°C
Relative Humidity	20% to 85% non-condensing
ESD Protection	4kv contact/8kv air
Drop	1.5Meter / 5-Foot Drop Threshold

Communication

USB(HID), RS232, K/W

BCR Mechanical

Dimensions	160(L) x 69(W) x 88(H) mm
Weigh	130g (scanner only)

Regulatory Approvals

CE , BSMI

Accessories

Cable, Stand, Holder

10/11 Rev.A