unitech MS840 Rugged Handheld Laser Scanner

Ergonomic and Smart Design

With its ergonomic, stylish, lightweight enclosure, the MS840 is designed to deliver top-notch performance by optimizing productivity and efficiency. Equipped with a beeper and red/green LED to notify users of scanning status, the MS840 makes reading barcodes in busy working environments easy, and allows users to rest assured that they have captured each and every barcode.

Rugged Enough for Industrial Use

The MS840 rugged design can withstand multiple 1.8-meter drops to concrete, thus minimizing downtime due to breakage and lowering the total cost of ownership. As one of the strongest scanners in its class, the MS840 has an IP42 rating, safeguarding it from moisture and dust, and is capable of operating in diverse applications including retail, industrial and commercial services.

Reliable and Cost Effective

The MS840 supports a wide range of connectivity options including USB, RS232 and keyboard wedge. Easy and quick user-friendly cable replacement capability minimizes downtime and reduces the total cost of ownership.

Features

- High-performance laser engine and decoder
- Supports all 1D barcodes; including GS1 Data barcode
- · Ergonomic design for maximum user comfort
- Multiple scanning modes
- Louder beeper for noisy environment operation
- 1.8-Meter / 6-Foot drop test
- IP42-rated

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<u>MS840</u> Specifications

- Optical & Performance

Receiving Device Light Source Max. Resolution Scan Rate Skew Angle Pitch Angle Printing Contrast Scale Depth of Field

laser engine Visible Laser Diode 650 nm 0.127mm(5 mil) 100 scans/second ± 50 degrees $\pm 35 \text{ degrees}$ 45% Minimum Code-39 5mil From 60 ~ 110mm, Code-39 6mil From $50 \sim 130$ mm (± 10 mm). Code-39 10mil From 50 ~ 230mm (± 30mm), Code-39 20mil From 50 ~ 380mm (± 30mm), Code-39 40mil From 70 ~ 550mm (± 50mm)

- Functionality

Symbologies	Code 39, Full ASCII Code39, Interleave 2 of 5,
	Standard 2 of 5, UPC A/E, Delta Code, Label Code,
	MSI/ Plessy, Codabar, Code 11, EAN8/13, Code 93,
	Code 128, EAN128, Code32, Toshiba Code, GS1
	databar Code.
Operation Mode	Trigger Mode, Flash Mode, Multiscan Mode, One
	Press One Scan Mode
Data Formatting	Prefix, Suffix, Code ID, Reformatting Date
Function Keys	PC, Macintosh and IBM Terminal Keyboard

- Electrical

Operation VoltageDC 3V to 5VCurrent ConsumptionOperation mode: <91mA , Standby mode: <26mA</td>



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Dimension Weigh Switch life 176*74*89mm 157g(without cable) 10 million time

Environmental

ESD Protection Mechanical Shock IP rate Operating Temperature Storage Temperature Relative Humidity Functional after 8K Contact and 12K Air 1.8m onto concrete(scanner only) IP42 0°C to 50°C -30°C to 70°C 5% to 90% non-condensing

Communication

Keyboard Wedge, RS232, USB 2.0

Regulation Approvals

CE, BSMI, VCCI, C-Tick

Accessories

Hand-free stand Interface cable

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