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MS837

Handheld Laser Scanner



Optical & Performance

Receiving Device	Laser engine
Light Source	Visible Laser Diode 650 nm
Max. Resolution	4mil (0.1mm)
Scan Rate	72 scans/second
Scan Angle	46° (typical), 35°± 3° (narrow)
Printing Contrast Scale	35% Minimum
Reading Distance (DOF PCS=80%)	

Label / DOF	near	far
Code 39, 5mil	7.6 cm	12.7 cm
Code 39, 7.5mil	5 cm	20.3 cm
Code 39, 10.4mil	2.5 cm	22.8 cm
Code 39, 13mil	1.2 cm	25.4 cm

* =dependent on width of bar code

Functionality

Operation Mode	Trigger mode, Auto scan mode
Symbologies	All standard 1D and GS1 databar symbologies

Electrical

Operation Voltage	5VDC ±0.25V
Current Consumption	700mW (140mA@5V-standby)
	975mW (195mA@5V-decoding)

Mechanical

Scanner Dimension	H153*W70*L110mm
Scanner Weight	120g (without cable)

Environmental

Mechanical Shock	1M onto concrete
Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 60°C
Relative Humidity	5% to 95% non-condensing

Communication

Host Interface supported	USB & Keyboard wedge

Regulation Approvals

CE, FCC, BSMI

Accessories

Stand
Cable

Unitech America
Los Angeles, Houston
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About LOGISCENTER

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Label printers



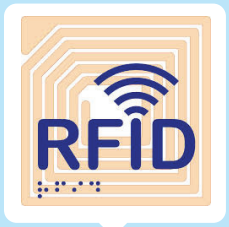
Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)

All Brands Technical Service

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