MS250

Reliable scanning you can trust

Delivering reliable and superior data capture, MS250 contact to middle range CCD scanner offers excellent performance for increasing productivity even when the barcodes are damaged or poorly printed. This cost-effective and reliable handheld scanner provides the optimum combination of performance which makes it an ideal scanning tool for a wide range of market applications, such as point-of-sale, document processing, personal data identification and inventory control.

Easy to operate, User friendly design

MS250 is so easy to operate, just plug-and-play and connecting it to your computer with USB cable. There is no need to do any additional installation or training and it's all set and ready to work. Moreover, featuring slim size to ensure users comfort, it is also built in extra loud beeper (90dBa) that confirms positive decode feedback in noisy environments.

Aggressive Scanning Capabilities

With powerful data capture performance to boost the scan speed up to 200 scans per second, MS250 handheld scanner supports reading depth from contact to 90mm and reading width to 80mm, which helps users to streamline workflow and increase efficiency. In addition to be equipped with advanced scanning technology, MS250 enhances the maximum compatibility by reading major 1D barcode types including GS1 dataBar symbology, as well as damaged or poorly printed bar codes.

Cost-effective and Reliable

Designed to work in retail market, built in large trigger which allow user to use it easily, MS250 contact to middle range CCD scanner provides a cost-effective option and is reliable to be used everyday. Furthermore, it offers multiple interface options: Keyboard wedge, USB, RS232 and USB emulation com port driver. With versatile capabilities, MS250 is truly an affordable barcode scanner with high value.

Features

- Aggressive scan rate: up to 200 scans/sec
- Lightweight and ergonomic design
- Available to read most 1D barcode types including GS1 dataBar symbology
- Multi-interface Communication : USB, K/W, RS232 and USB emulation com port driver
- Support minimum resolution 3mil/0.076mm
- Dual color for choice (dark blue and beige)

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MS250
Linear Scanner

▶ Optical & Performance

Receiving Device	Linear CCD Sensor
Light Source	Visible Red light 635nm LED
Max. Resolution	3mil (0.076mm) @ PCS90%
Scan Rate	200 scans/ second ±10%
Printing Contrast Scale	45%
Sensor	Linear Imager
Ambient Light	20,000 Lux Max
Scan Angle	*Test Conditions : Code 39, 10mil/0.25mm, PCS 90%
	Forward & Backward ±10°~30° (±5°)
	Left & Right ± 60° (±5°)
Width of Field	80mm
Reading Distance (DOF PCS=90%)	Up to 90mm @ 20mil, PCS90%, Code39

▶ Functionality

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, Full ASCII Code 39, Interleaved 2 of 5, China Postal Code, MSI Plessy Code, EAN/UCC 128, Telepen Code, IATA Code, GS1 Databar.
Operation Mode	Trigger Mode, Flash Mode
Data Formatting	Prefix, Suffix, Code ID
Configuration Method	Configuration barcodes

▶ Electrical

Operation Voltage	5VDC
Current Consumption	Operation mode:<120mA; Standby mode:<20mA

▶ Mechanical

Housing Material	ABS
Switch life	1 million times
Scanner Dimension	163.3mm x 79mm x 62.5mm
Scanner Weight	83g

▶ Environmental

ESD Protection	Functional after 8K Contact and 12K Air
Operating Temperature	0°C to 50 °C (32 °F to 122 °F)
Storage Temperature	-20 °C to 70 °C (-4 °F to 158 °F)
Relative Humidity	20% to 95% (Non-condensing)
Mechanical Shock	1.5m onto concrete (scanner only)

▶ Communication

USB, RS232, Keyboard Wedge, USB emulation COM port

▶ Regulation Approvals

CE, FCC, BSMI, VCCI

▶ What comes in the box

MS250 Scanner
Interface cable