

MS250

Reliable and affordable

The MS250 is a reliable high performance and affordable CCD barcode scanner offering excellent reading performance even when barcodes are damaged or poorly printed. Its excellent performance makes this device ideal for a wide range of applications, such as point-of-sale, document processing, patient identification and inventory management.

The MS250 is easy to operate with impressive scanning capabilities.

Easy to operate with user friendly design
The MS250 is easy to operate by its plug-and-play setup, connecting the scanner fast to a PC using USB. There is no need to do any additional installation.

With a weight of only 83grams, a slim design and a built in large trigger, the MS250 is very user friendly and ensures user comfort during scan-intensive tasks. Its integrated extra loud beeper (90dBa) confirms positive decode feedback, offering a great tool while working in noisy environments.

Aggressive Scanning Capabilities
The MS250 is enriched with a powerful scan engine to optimize data capture efficiency and accelerating the process. Supporting a reading depth to 90mm, reading width to 80mm and its powerful capture performance of 200 scans per second, the MS250 will increase efficiency and streamline users workflow.

In addition to being equipped with advanced scanning technology, the MS250 enhances the maximum compatibility by reading major 1D barcode types including GS1 dataBar symbology, as well as damaged or poorly printed bar codes.

A great and affordable solution for 1D scanning needs (including GS1 DataBar symbols).

- Office automation: Document tracking
- Retail & Post: Product order management
- Clinical & Healthcare: Inventory and medication management
- Warehouse: Inventory control

Cost-effective and reliable
The MS250 middle range CCD scanner is reliable and provides a cost-effective option. While this high value scanner offers multiple interface options like keyboard wedge (K/W), USB, RS232 and USB-VCOM, it's suitable for a wide variety of markets and still at an affordable price!

Features:
- High performance 1D scanner:
  Reads 1D barcode types including GS1 DataBar symbols, scans 200 barcodes per second.
- Reliable engine:
  Supports a minimum resolution of 3mil/0.076mm
- Compact, reliable and user-friendly:
  Lightweight, ergonomic and stylish design with hard-rubber nose design for extra unit protection and anti-slip function.
- Easy to integrate: Multi-interface communication:
  USB, RS232, K/W and USB-VCOM
- 2 colour options: Dark blue or beige

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MS250
Specifications

Operational & Performance

Technology	Linear CCD Sensor
Light Source	Visible Red light 635nm LED
Max. resolution	3mil (0.076mm at PCS 90%
Ambient Light	Max. 20.000 Lux
Print Contrast	45%
Width of field	80mm
Reading indicator	Beeper (90dBa)
Scan rate	200 scans/ second ±10%
Scan angle	

Test Conditions*:
Code 39, 10mil/0.25mm, PCS 90%

Forward & Backward	±10°~30° (±5°)
Left & Right	± 60° (±5°)

Reading distance

DOF PCS = 90%
Up to 90mm @ 20mil, PCS90%, Code39

* = dependents on width of barcode

Symbologies
Decode Capability

1D / GS1 DataBar:
Code 39, Full ASCII Code39, Interleave 2 of 5, Standard 2 of 5, UPC A/E, ISBN, MSI/ Plessy, Codabar, Code 11,EAN8/13, JAN8/13, Code 93, Code 128, EAN128, Code32, GS1 DataBar Code, Matirx25, China postage, LCD25.

Colour options
Dark blue or beige





Power Source

Operating voltage	DC 5V
Consumption	Operation mode:<120mA; Standby mode:<20mA

Data Formatting
Prefix, Suffix, Code ID

Configuration Method
Configuration barcodes

Sofware Support
Supported by Unitech Scanner Configuration Manager (SCM)

Operation modes
Trigger Mode, Flash Mode

Connectivity
USB, RS232, Keyboard Wedge, USB-VCOM

Enclosure

Scanner dimension	163.3 mm x 79 mm x 62.5 mm
Scanner weight	83g
Switch life	1 million time

Environmental

Operating temperature	0˚C to 50˚C
Storage temperature	-20˚C to 70˚C
Humidity	20% to 95% (non-condensing)
ESD protection	Functional after 8K contact and 12 K air
Drop Test	1.5 m (scanner only)

Accessories
USB cable black / beige
USB cable black / beige
RS232 cable black / beige
K/W cable black / beige

Warranty
3 Year

Regulatory approvals
CE, FCC, BSMI, VCCI

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