



MS320

Linear Imager Scanner

The MS320 is a scanner that matches any laser scanner in performance by incorporating aggressive long range CCD scanning technology. It also gives the user excellent comfort thanks to its ergonomic and lightweight design.

It's built to withstand multiple drops of 5-feet to a concrete floor. Besides supporting most common one dimensional barcodes the MS320, also supports two dimensional PDF417 barcodes. This barcode is selected for applications in areas such as the automotive industry for key applications as shipping, product evidence, quality conveyance, production broadcast, configuration management and material safety data sheets.

As a valuable accessory, the MS320 comes (optionally) with an adjustable hands free stand for automated operation. It delivers the flexibility to operate as a presentation scanner, making the scanner suitable for your point of sale, office automation and document tracking applications.

Main Features:

- Supports most common 1D barcodes and the two dimensional barcode PDF417 (multi-row symbology)
- Robust design withstanding 1.5m to concrete floor
- Anti scud material (fits like a glove, doesn't slip out of your hand)
- Optional hands free stand for automatic scanning
- Contact and wide reading enables you to read labels up to 25cm DOF and up to 12 cm wide
- The interchangeable plug-in design allows you to replace the cable easily and minimizes downtime from damaged cables
- Setting the scanner via quick set-up or barcode manual through PC by scan utility software (RS232-cable required)
- Flash-ROM for easy post-purchase software upgrades via RS232 interface design
- Flexible connectivity via auto discriminating interface design

Optical & Performance

Resolution	0.1mm (4mils) Code39, PCS=90%
Decode Rate	200 scans/sec
Printing Contrast	30% or more
Depth of Field	0-250mm (Code 39, PCS=90%, 20mils)
Width of Field	120mm
Scan Angle	Linear CMOS
Ambient Light	Front: 60° Rear: 60° Yaw: 75°

Functionality

Decode Capability	Auto-discriminates all standard barcodes
Beeper Operation	7 tones or no beep
Indicator	Indicator Green LED
Light Source	660 nm Visible Red LED
Optical System	2048 pixel CCD (Charge-coupled device)

Electrical

Power Supply	Input Voltage 5VDC ± 0.25V
Operating Current	255mA @ 5VDC
Operating Standby	120mA @ 5VDC
Power Operating	1275mW
Power Standby	600mW

Symbologies

1D barcodes	Code 39, Codabar, Code 32, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, Code 93, Code 128/UCC EAN 128, MSI, Plessey, UPC-A, UPC-E, EAN-8, EAN13, and EAN-128, ISBN, Telepen, GS1 Databar
2D barcodes	PDF 417 (multi-row symbology)

Environmental

Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Relative Humidity	5% to 90% relative humidity, non-condensing
Drop Test	5-foot drop threshold

Connectivity

Keyboard Wedge, RS232, USB

Mechanical

Housing Material	ABS+PC
Cushion Material	Rubber
Connector Type	RJ45 connector
Dimensions	7.4"H x 3"W x 3.9"D
Weight	6.6 ounces

Accessories

USB Cable
Keyboard Wedge Cable
RS232 Cable
Hands Free Stand

Regulatory Approvals

UL, FCC CLASS A, CE CLASS A, BSMI

Warranty

5 years



MS320 Hands Free Stand



Specifications subject to change without notice.

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