

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	Front: 60° Rear: 60° Yaw: 75°

Functionality

Decode capability	Auto-discriminates all standard barcodes;
Beeper Operation	7 tones or no beep
Indicator	Green LED

Optical

Light source	660 nm Visible Red LED
Optical System	2048 pixel CCD (Charge-coupled device)

Electrial

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, Code 39 Full ASCII, Codabar, Pharmacy Code(Italian), Standard 2 of 5, Industrial 2 of 5, Interleave 2 of 5, Matrix 2 of 5, Code 93, Code 128/UCC EAN 128, MSI, Plessey, UPC/EAN codes incl.add-ons, ISBN, Telepen, RSS Code
2D barcodes	PDF 417 (multi-row symbology)

Connectivity

Keyboard Wedge, RS232, USB

Mechanical

Case material	ABS + PC
Cushion material	Rubber
Connector type	RJ-45 phone jack connector
Weight	187g
Dimension	H187 x L101 x W78

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
Mechanical shock	1.5m drop onto concrete for 10 times

Safety approval

UL, FCC CLASS A, CE CLASS A, BSMI

Models

MS320-1G	MS320 CCD Scanner only
MS320-1KG	MS320 CCD Scanner including Keyboard wedge
MS320-1RG	MS320 CCD Scanner including RS232 cable with D9P connector
MS320-1UG	MS320 CCD Scanner including USB cable

Accessories

1550-602094G	Keyboard wedge cable for MS320
1550-602096G	RS232 cable for MS320
1550-602097G	USB cable for MS320
5200-602095G	Hands free stand for MS320
1010-602071G	100~240V, 5V/500mA universal power adapter for RS232 cable



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