



MT52501 Pen Barcode Scanner

MT52501 is a pen-style 1D barcode scanner that has been supplied to the market for over 25 years. The economical price point and ergonomic form factor offer lasting value. Due to the unique way of scanning through sweeping, MT52501 is capable of smoothly scanning barcodes which are too wide to read by traditional gun-style barcode scanners.

Pen Scanner of Lasting Value

- Read all major 1D barcodes in the market
- Ergonomic design and 1.5M drop resistance
- Easy Installation and Configuration
- Scan wide barcodes smoothly

Easy and Flexible Operations

- Sapphire-class crystal tip
- Unique way of scanning



Optic & Performance

Light Source	660nm visible red LED
Sensor	Photo Diode
Scan Rate	47 ~ 470 mm/sec
Resolution	4Mil/ 0.1mm
Print Contrast Ratio	60%
Typical D.O.F (@ 800 lux)	UPC/ EAN 13 Mil: 0mm (Contact)

Physical Characteristics

Dimension	L150 x W29.6 x H22 mm
Weight	100g (USB), 110g (RS232)
Color	Blue
Material	ABS
Cable	0.62M (Fixed cable)
Indicator	Buzzer

Electrical

Operation Voltage	5 VDC \pm 5%
Working Current	< 110mA (USB), < 120mA (RS232)
Standby Current	< 110mA (USB), < 120mA (RS232)

Connectivity

Interface/ Profile	USB HID
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User Environment

Operating Temperature	0 ~ 50°C
Storage Temperature	-20 ~ 60°C
Humidity	0% ~ 95% RH (Non-condensing)
Drop Durability	1.5M
Ambient Light	5,000 Lux

Regulatory

ESD	Functional after 4KV contact, 8KV Air discharge
EMC	FCC Part15B Class A, CE EN55022/24
Environmental	WEEE, RoHS 2.0

Symbologies

1D	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, Standard Code 39, Full ASCII Code 39, Interleaved 2 of 5, China Postal Code, MSI Plessey Code, UK Plessey Code, EAN/UCC 128, Telepen Code, IATA Code
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* All specifications are subject to change without notice.



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