



MT1095 USB Scanner

MT1095 is designed to be the smallest 1D USB barcode scanner. It shapes like a mini flash drive in size and is easy to carry around. MT1095 USB barcode scanner meets the demand of mobile applications where space and weight are limited. With user-friendly trigger button, MT1095 can be simply Plug- and-Read and fulfill flexible operation.

High Compatibility with USB HID Interface

- Reading distance from 4cm to 25cm on commodity barcodes.
- Supports high-density barcode up to 4mil (0.1mm).
- High-speed scanning at a maximum of 650 scans per second.
- Easy configuration setting with Ez Utility.®

Easy and Flexible Operations

- Indicator : Buzzer
- Interfaces : USB HID/ USB VCP



* All specifications are subject to change without notice.

Optic & Performance

Light Source	625nm visible red LED
Sensor	Linear Image Sensor
Scan Rate	650 Scans/Sec
Resolution	4Mil/ 0.1mm
Scan Angle	41°
Pitch / Skew / Roll Angle	±30°/ ±40°/ ±20°
Print Contrast Ratio	30%
Width of Field	140 mm (13Mil Code39)
Typical D.O.F (@800 lux)	UPC/ EAN 13 Mil: 38 ~ 254 mm

Physical Characteristics

Dimension	W19 x L41.8 x H12.5 mm
Weight	10g
Color	Black
Material	PC
Connector	USB Type A
Cable	1.8M (USB Extension Cable)
Trigger	Scan Button
Indicator	Buzzer

Electrical

Operation Voltage	5 VDC ± 5%
Working Current	< 115mA
Standby Current	< 60mA

Connectivity

Interface/ Profile	USB HID, USB VCP
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User Environment

Operating Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
Humidity	0% ~ 95% RH (Non-condensing)
Drop Durability	1.5M
Sealing	N/A
Ambient Light	100,000 Lux (Sunlight)

Regulatory

ESD	Functional after 4KV contact, 8KV Air discharge
EMC/RF	FCC Part 15B Class B, CE EN55022/24
Safety Approval	EN/IEC62471 (Exempt Group)
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, GS1 Databar
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