



MT8495 2D USB Scanner

MT8495 is designed to be the smallest 2D USB barcode scanner. It shapes like a mini flash drive in size and is easy to carry around. MT8495 USB barcode scanner meets the demand of mobile applications where space and weight are limited. With user-friendly trigger button, MT8495 can be simply Plug-and-Read and fulfill flexible operation.

High Compatibility with USB HID Interface

- Reading distance from 6-27.5cm on commodity barcodes.
- Plug and read without driver installation.
- Supports serial commands over USB VCP.
- Supports auto-sensing and software trigger

Easy and Flexible Operations

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



| Optic & Performance | |
|---------------------------|--|
| Light Source | White LED, Visible red LED |
| Sensor | 640 x 480 |
| Resolution | 5mil / 0.125mm (1D), 10mil / 0.25mm (2D) |
| Scan Angle | Horizontal 37°, Vertical 27.5° |
| Pitch / Skew / Roll Angle | ±60° / ±60° / ±360° |
| Print Contrast Ratio | 25% |
| Width of Field | 141 mm (13Mil Code39) |
| Typical D.O.F (@800 lux) | UPC/ EAN 13 Mil: 50 ~ 315 mm |
| Physical Characteristics | |
| Dimension | W19 x L41.8 x H12.5 mm |
| Weight | 8.9g |
| Color | Black |
| Material | PC |
| Connector | USB Type A |
| Cable | 0.6M (USB Type C Extension Cable) |
| Trigger | Scan Button |
| Indicator | Buzzer |
| Electrical | |
| Operation Voltage | 5 VDC ± 5% |
| Working Current | < 220mA |
| Standby Current | < 95mA |
| Connectivity | |
| Interface/ Profile | USB HID, USB VCP |
| User Environment | |
| Operating Temperature | -20°C ~ 60°C |
| Storage Temperature | -40°C ~ 70°C |
| Humidity | 0% ~ 95% RH (Non-condensing) |
| Drop Durability | 1.5M |
| Ambient Light | 70,000 Lux (Sunlight) |
| Regulatory | |
| ESD | Functional after 4KV contact, 8KV air discharge |
| EMC/RF | TBA |
| Safety Approval | EN/IEC62471 (Exempt Group) |
| Environmental | WEEE, RoHS 2.0 |
| Symbologies | |
| 1D | UPC-A/ UPC-E0/ UPC-E1, EAN-8/ EAN-13, Code128, Code39, Code93, Codabar, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Standard 2 of 5, China Post 25, Code11, MSI Plessey, Plessey, GS1 Databar, GS1 Databar Limited, GS1 Databar Expanded |
| 2D | QR Code, Micro QR Code, PDF417, MicroPDF417, Data Matrix, Aztec, MaxiCode, Han Xin, Code16K |

* All specifications are subject to change without notice.

