



MT8225 Handheld Scanner

MT8225 is a ergonomic pocket-sized handheld scanner designed with a water-proof and dust-proof housing that enables users to operate in the harshest environment. With built-in vibrator, buzzer and LED, MT8225 provides audible, visual and haptic feedback as good read response. The disinfectant-ready housing also prevents the reproduction & spread of bacteria among nurses in hospital.

High Efficiency for All Applications

- Reads all major 2D barcodes in the market.
- Ruggedized design of IP55 and 1.5M drop resistance.
- Anti-microbial housing ensures hygiene among users



Easy and Flexible Operations

- Indicators: Buzzer, LED and Vibrator
- Interfaces: USB HID/ USB VCP



Optic & Performance	
Light Source	White LED, Visible red LED
Sensor	1280 x 800
Resolution	3Mil/ 0.075mm
Scan Angle	Horizontal 40°, Vertical 30°
Pitch / Skew / Roll Angle	±60° / ±50° / 360°
Print Contrast Ratio	20%
Width of Field	141 mm (13Mil Code39)
Typical D.O.F (@800 lux)	UPC/EAN 13 Mil : 52 ~ 403 mm QR Code 15 Mil : 37 ~ 235 mm
Physical Characteristics	
Dimension	W42.5 x L102 x H21.5 mm
Weight	89g
Color	Black / White
Material	PC
Cable	USB A(M) Cable, 1M
Trigger	Scan Button, Function Button
Indicator	LED, Buzzer, Vibrator
Electrical	
Operation Voltage	5 VDC ± 5%
Working Current	< 300mA
Standby Current	< 70mA
Connectivity	
Interface/ Profile	USB HID, USB VCP
User Environment	
Operating Temperature	-20 ~ 50°C
Storage Temperature	-20 ~ 60°C
Humidity	0% ~ 95% RH (Non-condensing)
Drop Durability	1.5M
Sealing	IP55
Ambient Light	70,000Lux (Sunlight)
Regulatory	
ESD	Functional after 4KV contact, 8KV air discharge
EMC	TBA
Safety Approval	TBA
Environmental	WEEE, RoHS 2.0
Medical Compliance (White Version Only)	ISO 22196 (JIS Z 2801), ISO 11737-1/2
Symbolologies	
1D	UPC-A/ UPC-E, EAN-8/ EAN-13, Code128, GS1-128, Code 39, Code32, Code 93, Code11, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Codabar, MSI, GS1 Databar
2D	QR Code, Micro QR Code, Data Matrix, PDF417, MicroPDF417, Aztec, MaxiCode

* All specifications are subject to change without notice.

