



MT8300 2D Handheld Scanner

MT8300 is a 2D handheld barcode scanner that supports all major 2D and 1D barcodes. It is designed to achieve high performance and affordable barcode scanning solution. This powerful, reliable handheld scanner is an ideal choice for a variety of applications, including ticketing, access control, mobile payment and manufacturing.

Best Value 2D Scanning Partner

- Read all major 2D barcodes in the market
- On-screen barcode scanning capability
- Ruggedized design and 1.5M drop resistance
- Easily configured with MARSON Ez Utility®

MT610 Auto Hands-free Stand



Easy and Flexible Operations

- Rubber Bezel
- Hands-free



* All specifications are subject to change without notice.



Optic & Performance	
Light Source	3000K CCT white LED, 625nm visible red LED
Sensor	Array Image Sensor
Scan Rate	60 Frames/Sec
Resolution	4mil/ 0.1mm (Code 39), 7mil/ 0.2mm (QR Code)
Scan Angle	Horizontal 42°, Vertical 27°
Pitch / Skew / Roll Angle	±60° / ±45° / 360°
Print Contrast Ratio	30%
Width of Field	160 mm (13Mil Code39)
Typical D.O.F (@800 lux)	UPC/EAN 13 Mil : 27 ~ 251 mm QR Code 40 Mil : 59 ~ 399 mm
Physical Characteristics	
Dimension	W71 x L166 x H84 mm
Weight	170g
Color	Black or White
Material	ABS
Connector	USB Type A
Cable	2.1M (Fixed Cable)
Trigger	Scan Button
Indicator	LED, Buzzer, Vibrator
Electrical	
Operation Voltage	5 VDC ± 5%
Working Current	< 300mA
Standby Current	< 100mA
Connectivity	
Interface/ Profile	USB HID, USB VCP
User Environment	
Operating Temperature	0 ~ 50°C
Storage Temperature	-20 ~ 65°C
Humidity	0% ~ 95% RH (Non-condensing)
Drop Durability	1.5M
Sealing	IP42
Ambient Light	100,000 Lux (Sunlight)
Regulatory	
ESD	Functional after 8KV contact, 15KV Air discharge
EMC	FCC Part 15B Class B, CE EN55024/32
Safety Approval	EN/IEC62471 (Group 1)
Environmental	RoHS 2.0, WEEE
Symbologies	
1D	UPC-A/UPC-E, EAN-8/EAN-13, Industrial 2 of 5, Codabar, Matrix 2 of 5, Code 11, Code32, Code 93, Code 128, Code 39, Interleaved 2 of 5, MSI Plessey Code, EAN/GS1-128, GS1 Databar
2D	QR Code, Micro QR Code, Data Matrix, PDF 417, MicroPDF417, Aztec, MaxiCode, GS1 Composite

