

## Handheld Scanner

# MT8210 2D Handheld Barcode Scanner

MT8210 is a 2D handheld scanner designed to achieve the efficient and affordable barcode scanning solution. MT8210 decodes major 2D barcodes as well as all major 1D barcodes. This reliable, cost-effective handheld scanner is an ideal choice for a variety of applications, including access control, ticketing, manufacturing and mobile payment.

- Read all major 2D barcodes in the market
- On-screen barcode scanning capability
- Ruggedized design and 1.5M drop resistance
- Ideal for Indoor and Outdoor Applications



### Snappy 1D & 2D Barcode Data Capture

MT8210 2D handheld barcode scanner delivers superior scanning in any orientation, which benefits enterprise with less downtime and increased productivity. At an average of 1/10 seconds, MT8210 scans all linear barcodes and major 2D barcodes printed on labels with either matte or glossy surface, or displayed on mobile phone or LCD screen.

### Free from Environmental Interference

MT8210 2D handheld barcode scanner is ideal for both indoors and outdoors scanning applications which require more immunity for ambient light.

By automatically adjusting its parameters for optimal scanning performance MT8210 2D handheld scanner provides the freedom to scan barcodes from under complete darkness to direct sunlight.

### On-screen Barcode Scanning

With enhanced optical design and latest decode algorithm, MT8210 virtually scans all 1D and 2D barcodes on any surface, either paper-based label or mobile phone display. As a result users may expand their business into many new applications such as eCoupon, eTicket, Digital ID cards and mobile payments.

### Ruggedized Protection

The industrial-class design of MT8210 2D handheld barcode scanner includes ruggedized protection with 1.5 meters drop resistance and a rubber bezel in the front which ensure that MT8210 withstand the impact of everyday drops and bumps and prevent the scanner window from any damage or scratch in the harshest working environments.

### Easy and Flexible Operations

- Rubber Bezel
- Reliable



## Specifications

Optical & Performance	Light Source	white LED, visible red LED bar
	Sensor	640 x 480
	Scan Rate	30 Frames/Sec
	Resolution	5mil/ 0.125mm
	Scan Angle	Horizontal 35°, Vertical 27°
	Pitch Angle	±55°
	Skew Angle	±55°
	Roll Angle	360°
	Print Contrast	10%
	Width of Field	156mm (13Mil Code39)
	Typical D.O.F* (@ 800 Lux)	Code39     5 Mil : 40 ~ 121 mm UPC/EAN    13 Mil : 44 ~ 324 mm QR Code    15 Mil : 28 ~ 209 mm PDF417     6.67 Mil : 36 ~ 116 mm Data Matrix 10 Mil : 22 ~ 121 mm
Physical Characteristics	Dimension	L166 x W71 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
Power	Operation Voltage	5.0 VDC
	Working Current	< 110mA
	Standby Current	< 60mA
Connectivity	Interface/ Profile	USB HID, USB VCP
User Environment	Operating Temperature	-20 ~ 60°C
	Storage Temperature	-40 ~ 70°C
	Humidity	0% ~ 95%RH (Non-condensing)
	Drop Durability	1.5 M
	Sealing	IP42
	Ambient Light	100,000 lux (Sunlight)
Decode Capability	1D Symbologies	UPC-A/UPC-E, EAN-8/EAN-13, Codabar, Matrix 2 of 5, Code 93, Code 128, Code 39, Interleaved 2 of 5
	2D Symbologies	QR Code, Data Matrix, PDF417
Regulatory	ESD	Functional after 8KV contact, 12KV Air discharge
	EMC	TBA
	Safety Approval	TBA
	Environmental	TBA

\* All Specifications are subject to change without notice.



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