



## MT8220 2D Handheld Scanner

Designed to serve as an efficient and affordable barcode scanning solution, MT8220 2D handheld scanner decodes all major 2D barcodes as well as 1D barcodes. Due to its reliability and cost-effectiveness, MT8220 is the optimal choice for various applications, including retail point of sale, e-ticket, manufacturing and mobile payment.

### Increasing Freedom of Mobility

- Read all major 2D barcodes on the market
- On-screen barcode scanning capability
- Ruggedized design and 1.5M drop resistance
- Ideal for indoor and outdoor applications

### Easy and Flexible Operations

- Rubber Bezel
- Ergonomic Housing



#### Optic & Performance

Light Source	white LED, visible red LED bar
Sensor	640 x 480 pixels
Resolution	5Mil / 0.125mm
Scan Angle	Horizontal 37° Vertical 28°
Pitch / Skew / Roll Angle	±60° / ±60° / ±360°
Print Contrast Ratio	20%
Typical D.O.F. (@800 lux)	UPC/EAN 13 Mil : 37 ~ 306 mm

#### Physical Characteristics

Dimension	L165 x W68 x H75 mm
Weight	120g
Color	MT8220u: Blue, MT8220y: Yellow, MT8220w: White
Material	Plastic
Connector	USB Type A
Cable	1.8M (Interchangeable Cable)
Trigger	Scan Button
Indicator	LED, Buzzer

#### Electrical

Operation Voltage	5.0 VDC
Working Current	< 160mA
Standby Current	< 55mA

#### Connectivity

Interface/ Profile	USB HID, USB VCP, PS/2(optional)
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#### User Environment

Operating Temperature	-20 ~ 60°C
Storage Temperature	-30 ~ 70°C
Humidity	5% ~ 95% RH (Non-condensing)
Drop Durability	1.5 M
Sealing	IP42
Ambient Light	100,000 Lux (Sunlight)

#### Regulatory

ESD	Functional after 4KV contact, 8KV air discharge
EMC	TBA
Safety Approval	TBA
Environmental	WEEE, RoHS 2.0

#### Symbologies

1D	UPC-A/UPC-E, EAN-8/EAN-13, Codabar, Matrix 2 of 5, Code 93, Code 128, Code 39, Interleaved 2 of 5, Plessey, MSI, GS1 Databar
2D	QR Code, Micro QR Code, Data Matrix, PDF417, Aztec, MicroPDF417

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