



MT6250 2D Fixed Mount Scanner

MT6250 is a high-speed 2D fixed mount barcode scanner that delivers outstanding performance even in the harshest environment. MT6250 is enclosed by an IP55 ruggedized housing and has RS232 or USB interface available to fulfill both industrial and commercial connectivity requirements.

High-Speed Scanner for All Applications

- Reads all major 2D barcodes in the market
- Works in total darkness and direct sunlight
- Waterproof and dust-resistant
- Supports bi-directional real-time communication
- Supports Ez Utility configuration utility
- Megapixel sensor enables high-density scanning
- Global shutter enhances great motion tolerance

Easy and Flexible Operations

- Ships with mounting brackets
- RS232 and USB interface available
- Multiple reading modes



* All specifications are subject to change without notice.

Optic & Performance

Light Source	White LED, Visible red LED
Sensor	1280 x 800
Scan Rate	120 Frames/Sec
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 : 55 ~ 295 mm QR Code 15 Mil : 50 ~ 220 mm

Physical Characteristics

Dimension	W56 x L41 x H20 mm
Weight	70g
Color	Black
Material	ABS (Housing), PC (Back Cover)
Connector	USB Type A / D-sub 9
Cable	90cm (Fixed Cable)
Trigger	Auto-sensing, Software Trigger
Indicator	LED, Buzzer

Electrical

Operation Voltage	5 VDC ± 5%
Working Current	< 370mA
Standby Current	< 110mA

Connectivity

Interface/ Profile	RS232, USB HID, USB VCP
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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	30,000 Lux (Infrared Auto-sensing Mode) 70,000 Lux (Imager Auto-sensing Mode)

Regulatory

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

Symbologies

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

