



MT6250 2D Fixed Mount Scanner

MT6250 is a high performance 2D fixed mount barcode scanner that delivers outstanding scanning capability and the best mobile barcode readability. The industrial-class, IP55 housing makes MT6250 dust and water-proof. RS232 and USB configurations are 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
- High-speed shutter enhances great motion tolerance

Easy and Flexible Operations

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



Optic & Performance	
Light Source	White LED, Visible red LED
Sensor	640 x 480
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 : 44 ~ 392 mm QR Code 15 Mil : 31 ~ 241 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	< 200mA
Connectivity	
Interface/ Profile	RS232, 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	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	EN/IEC62471 (Exempt Group)
Environmental	RoHS 2.0, WEEE
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.



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