



MT6225 2D Fixed Mount Scanner

MT6225 is a high-speed 2D fixed mount barcode scanner that delivers outstanding performance even in the harshest environment. MT6225 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

- Read all major 2D barcodes in the market
- Infrared auto-sensing and software trigger
- Ruggedized design of IP55 and 1.5M drop resistance
- Support bi-directional real-time communication

Easy and Flexible Operations

- Multiple Mounting Options
- Industrial-class Protection



* All specifications are subject to change without notice.

Optic & Performance	
Light Source	5000K CCT white LED, 640nm visible red LED
Sensor	Array Image Sensor
Scan Rate	30 Frames/Sec
Resolution	5Mil (Code39), 6.67Mil (PDF417)
Scan Angle	Horizontal 37.8°, Vertical 28.8°
Pitch / Skew / Roll Angle	±45° / ±45° / 360°
Print Contrast Ratio	30%
Width of Field	116 mm (13Mil Code39)
Typical D.O.F (@800 lux)	UPC/EAN 13 Mil : 64 ~ 313 mm QR Code 15 Mil : 47 ~ 246 mm
Physical Characteristics	
Dimension	W56 x L41 x H20 mm
Weight	91g
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	< 320mA
Standby Current	< 130mA
Connectivity	
Interface/ Profile	RS232, USB HID, USB VCP
User Environment	
Operating Temperature	-10 ~ 55°C
Storage Temperature	-20 ~ 65°C
Humidity	0% ~ 95% RH (Non-condensing)
Drop Durability	1.5M
Sealing	IP55
Ambient Light	30,000 Lux (Sunlight)
Regulatory	
ESD	Functional after 4KV contact, 8KV Air discharge
EMC	FCC Part 15B Class B, CE EN55024/32
Safety Approval	EN/IEC62471 (Exempt Group)
Environmental	RoHS 2.0, WEEE
Symbologies	
1D	Code 39, Full ASCII Code39, Code 32, Codabar, Interleaved 2 of 5, IATA 2 of 5, Matrix 2 of 5, Industrial 2 of 5, NEC 2 of 5, Code 11, MSI, EAN-8, EAN-13, UPC-A, UPC-E, Code 93, Code 128, ISBT 128, EAN/UCC/GS1 128, GS1 Databar, GS1 Composite
2D	Codablock A, Codablock F, PDF417, MicroPDF417, Aztec Code, Data Matrix, MaxiCode, QR Code, Micro QR Code, Chinese Sensible (Han Xin) code
Postal Codes	Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet



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