



MT6222 2D Fixed Mount Scanner

MT6222 is a general-purpose 2D fixed mount barcode scanner that delivers outstanding performance even in the harshest environment. MT6222 is enclosed by an IP55 ruggedized housing and has RS232 or USB interface available to fulfill both industrial and commercial connectivity requirements.

General-purpose Scanner for all Applications

- Read major 1D and 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



Optic & Performance	
Light Source	625nm visible red LED, 650nm visible red Laser
Sensor	Array Image Sensor
Scan Rate	60 Frames/Sec
Resolution	5Mil (Code39), 6.67Mil (DataMatrix/QR Code)
Scan Angle	Horizontal 36°, Vertical 23°
Pitch / Skew / Roll Angle	±55° / ±55° / 360°
Print Contrast Ratio	30%
Width of Field	131 mm (13Mil Code39)
Typical D.O.F (@800 lux)	UPC/EAN 13 Mil : 56 ~ 356 mm QR Code 15 Mil : 33 ~ 212 mm
Physical Characteristics	
Dimension	W56 x L41 x H20 mm
Weight	120g
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	< 100mA
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 EN55022/24
Safety Approval	EN/IEC62471(Exempt Group), IEC60825-1(Class 1)
Environmental	RoHS 2.0, WEEE
Symbologies	
1D	Code 39, Full ASCII Code 39, Codabar, Interleaved 2 of 5, IATA 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Code 11, MSI, UK Plessey, EAN-8, EAN-13, UPC-A, UPC-E, Code 93, Code 128, EAN/UCC/GS1 128, GS1 Databar
2D	PDF417, DataMatrix, QR Code, Micro QR Code, Chinese Sensible Code

* All specifications are subject to change without notice.



MARSON TECHNOLOGY CO., LTD.
TEL: +886-2-2218-1633
FAX: +886-2-2218-6638
Email : info@marson.com.tw

