



MT6220 Fixed Mount Scanner

MT6220 is a general-purpose 1D fixed mount barcode scanner that delivers outstanding performance even in the harshest environment. MT6220 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 all major 1D 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
Sensor	Linear Image Sensor
Scan Rate	510 Scans/Sec
Resolution	3Mil/ 0.075mm
Scan Angle	40°
Pitch / Skew / Roll Angle	±60° / ±45° / 40°
Print Contrast Ratio	30%
Width of Field	140 mm (13Mil Code39)
Typical D.O.F (@800 lux)	UPC/ EAN 13 Mil: 37 ~ 445 mm
Physical Characteristics	
Dimension	W56 x L41 x H20 mm
Weight	86g
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	< 200mA
Standby Current	< 120mA
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	70,000 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	UPC-A/UPC-E, EAN-8/EAN-13, Industrial 2 of 5, Codabar, Matrix 2 of 5, Code 11, Code 93, Code 32, Code 128, Standard Code 39, Full ASCII Code 39, Interleaved 2 of 5, China Postal Code, MSI Plessey Code, UK Plessey Code, EAN/UCC 128, Telepen Code, IATA Code, GS1 Databar

* All specifications are subject to change without notice.



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