

## MT20 Mini 1D Barcode Imager

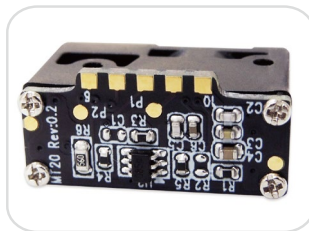
MT20 is a low-profile, high-performance 1D barcode imager that is designed to deliver great scanning performance while being able to fit into most space-constrained applications, including mobile device, wearable device and smartphone. With limited components and low power consumption, MT20 is ideal for host device with limited space and battery.

### High Performance, Flexible Operation

- Low-profile lightweight 1D barcode imager
- Read all major 1D barcodes in the market
- Fit into the most space-constrained products
- High mechanical reliability with golden fingers

### Easy and Flexible Operations

- Small Size : W17.65 x L12.12 x H8.27 mm
- Interface : Analog Output



Optic & Performance	
Light Source	625nm visible red LED
Sensor	Linear Image Sensor
Scan Rate	310 Scans/Sec
Resolution	4Mil/ 0.1mm
Scan Angle	41°
Pitch / Skew / Roll Angle	±65° / ±50° / ±25°
Print Contrast Ratio	30%
Width of Field	200 mm (13Mil Code39)
Typical D.O.F ( @800 lux)	UPC/ EAN 13 Mil: 50 ~ 300 mm
Physical Characteristics	
Dimension	W17.65 x L12.12 x H8.27 mm
Weight	1.4g
Color	Black
Material	PC
Connector	10pin Gold Fingers
Cable	N/A
Electrical	
Operation Voltage	3.3±0.15VDC
Working Current	< 120mA
Standby Current	< 10mA
Idle Current (Sleep Mode)	TBD
Connectivity	
Interface/ Profile	Analog Output
User Environment	
Operating Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
Humidity	0%~95% RH (Non-condensing)
Drop Durability	1.5M
Ambient Light	70,000 Lux (Sunlight)
Symbologies	Depends on decoder software
Regulatory	
ESD	Functional after 4KV contact, 8KV Air discharge (requires housing that is designed for ESD protection and stray from electric fields)
EMC	FCC Part 15B Class B, CE EN55024/32
Safety Approval	EN/IEC62471 (Exempt Group)
Environmental	RoHS 2.0, WEEE

\*\* Note : The performance comes with MTXXX decoder board.

\* All specifications are subject to change without notice.



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