



CM-2D203 2D High Resolution Reader

* Features

- Advanced High Resolution and Excellent Decode Performance
- Read 1D and 2D barcodes
- Gun type for easy grip.
- Rugged design.
- Optional for hands free application



Model No.	CM-2D203 Hand-Held 2D Barcode Reader
Output interface support	USB-HID/USB-COM
Readable barcode type	1D : EAN/UPC, RSS, Code 39, Code 128, UCC/EAN 128, ISBN, ISBT, Interleaved, Matrix, Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen, Postal Codes 2D : Codablock A, Codablock F, PDF417, MicroPDF417, Aztec Code, Data Matrix, MaxiCode, 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
Sensor	1280 x 800 pixels Global Shutter
PCS	Up to 0.3
Scan Rate	60 frames per second
Scan Angles	Tilt: 360 °, Pitch± 60 °, Skew : ± 60 °
Field of View	Horizontal Field : 48 ° Vertical Field : 31 °
Depth of Field	Minimum Distance : 4cm / 1.57in (Code 39, PSC 0.9, 10mil) Maximum Distance : 51.7cm / 20.3in (Code 39, PSC 0.9, 10mil)
Light Source	White LED illumination ; 650nm high-visibility red leaser (class 2 laser safety)
Configuration	user manual
Weight	130g (without cable)
Cable	1.8m straight type
Size	182.9(L) x 71.9(w) x 68(H) mm
Environment Humidity	5%-95%RH
Working Temperature	-30~60 °C (-22 to 140°F)
Storage Temperature	-40~70 °C (-40 to 158°F)
Voltage	DC 5V ± 5%
Ambient light	0 to 100,000 lux

Drop Durability																												
Safety Standard																												
Power Consumption	Under 280mA (operation) , Under 200mA (standby)																											
Calculated MTBF	375,000 hours																											
Diphth of Field	<p>Legend: ■ Gray area: the readable range of barcode ▲ Limit of Maximum Inch Distance</p> <table border="1"> <thead> <tr> <th>Symbology</th> <th>Minimum Distance</th> <th>Maximum Distance</th> </tr> </thead> <tbody> <tr> <td>UPC-A 13mil</td> <td>4.4cm / 1.73"</td> <td>57.3cm / 22.5"</td> </tr> <tr> <td>Code 39 5 mil</td> <td>7.0cm / 2.76"</td> <td>30.1cm / 11.85"</td> </tr> <tr> <td>Code 39 10mil</td> <td>4.0cm / 1.57"</td> <td>51.7cm / 20.3"</td> </tr> <tr> <td>Code 39 20mil</td> <td>4.4cm / 1.73"</td> <td>80.0cm / 31.5"</td> </tr> <tr> <td>Code 128 15mil</td> <td>4.2cm / 1.65"</td> <td>65.0cm / 25.6"</td> </tr> <tr> <td>Data Matrix 10 mil</td> <td>7.2cm / 2.84"</td> <td>29.7cm / 11.7"</td> </tr> <tr> <td>PDF417 6.7 mil</td> <td>8.4cm / 3.3"</td> <td>24.4cm / 9.6"</td> </tr> <tr> <td>QR Code 15mil</td> <td>3.9cm / 1.54"</td> <td>41.4cm / 16.3"</td> </tr> </tbody> </table>	Symbology	Minimum Distance	Maximum Distance	UPC-A 13mil	4.4cm / 1.73"	57.3cm / 22.5"	Code 39 5 mil	7.0cm / 2.76"	30.1cm / 11.85"	Code 39 10mil	4.0cm / 1.57"	51.7cm / 20.3"	Code 39 20mil	4.4cm / 1.73"	80.0cm / 31.5"	Code 128 15mil	4.2cm / 1.65"	65.0cm / 25.6"	Data Matrix 10 mil	7.2cm / 2.84"	29.7cm / 11.7"	PDF417 6.7 mil	8.4cm / 3.3"	24.4cm / 9.6"	QR Code 15mil	3.9cm / 1.54"	41.4cm / 16.3"
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All specifications are subject to modification without notice.

Specification updated on August 22, 2019