

2D Omni-Directional Barcode Scanner

(M/N:OCBS-T209)

Stylish and compact design □ 300,000 pixels overall situation exposure □

Minimum resolution: 4mils □

Bright white LED for illuminating scanning surface □

Read all mainstream 1D&2D bar codes

Strong body with scratch-resistant material □

Quickly read various screen bar codes □

Compatible with Microsoft Windows/Linux/Android/iOS/macOS

Specification

General	
Model	OCBS-T209
Color	White or black
Interfaces	RS-232; USB HID; USB COM; HID POS available as per customer's needs
Cable	1.8M
Reading Indicators	LED/Buzzer (adjustable tone)
Input Voltage	5 VDC (+/- 10%)/500mA
current	Working current (Standard): < 300 mA Standby current (Standard): < 210 mA
OS Support	Microsoft Windows/Linux/Android/iOS/macOS
ESD protection (Air discharge)	8 kV
Drop resistance	Withstands repeated drops from 1.2m/4.0 ft onto a concrete surface
Performance	
Image sensor	640*480 pixels
Light Source	LED White LED
Motion tolerance	2M/sec
Scan speed	120fps/s
Reading Angle	Pitch: 0-360°; Roll (Tilt): ±60°; Skew (Yaw): ±60°
Print contrast ratio (minimum)	≥15%
Ambient light	0 - 100,000 lux
Resolution (maximum)	0.102mm / 4mils

Typical depth of Filed	<table border="1"> <thead> <tr> <th>Precision</th> <th>Barcode</th> <th>Depth of Filed</th> </tr> </thead> <tbody> <tr> <td>5mil</td> <td>CODE128</td> <td>0mm—70mm</td> </tr> <tr> <td>5mil</td> <td>EAN-13</td> <td>0mm—70mm</td> </tr> <tr> <td>4mil</td> <td>EAN-13</td> <td>0mm—240mm</td> </tr> <tr> <td>5mil</td> <td>PDF417</td> <td>0mm—60mm</td> </tr> <tr> <td>10mil</td> <td>PDF417</td> <td>0mm—170mm</td> </tr> <tr> <td>15mil</td> <td>PDF417</td> <td>0mm—270mm</td> </tr> <tr> <td>20mil</td> <td>DM</td> <td>0mm—80mm</td> </tr> </tbody> </table> <p>(The minimum depth of field is determined by the barcode length and scanning angle. It depends on the print resolution, contrast and ambient light.)</p>	Precision	Barcode	Depth of Filed	5mil	CODE128	0mm—70mm	5mil	EAN-13	0mm—70mm	4mil	EAN-13	0mm—240mm	5mil	PDF417	0mm—60mm	10mil	PDF417	0mm—170mm	15mil	PDF417	0mm—270mm	20mil	DM	0mm—80mm
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Decoding ability	<p>1D: All standard 1D codes, including GS1 DataBar™ linear code can be automatically distinguished and decoded.</p> <p>2D: Aztec Code; Data Matrix; MaxiCode; QRCode; HANXIN; MicroQR Code</p> <p>Stack code: GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; GS1 DataBar Composite; MicroPDF417; PDF417</p>																								
Physical																									
Weight	Gross:450g																								
Package	190*105*108mm																								
20 in 1 carton	560*225*400mm/10.0kg																								
Environment																									
Working temperature& humidity	0 to 45 degrees centigrade, 10%~80% No condensation																								
Storage temperature& humidity	-20 to 60 degrees centigrade , 10%~90% No condensation																								

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