

# Handsfree Barcode Reader Auto Scann 1D 2D Code Scanner Omni-directional Barcode Scanner

(M/N:OCBS-T220)

## Features:



Stylish design and suitable for a variety of application scenarios 300,000 pixels;

Minimum resolution: 4mils;

Red LED for illuminating scanning surface;

Read all mainstream 1D&2D bar codes;

Quickly read various screen bar codes.

# Specification

| General                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------|----------------|------|--------|-----------|-------|--------|------------|-------|---------|------------|-------|---------|------------|----------|--|--|
| Model                         | OCBS-T220                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Color                         | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Interfaces                    | USB,RS232(customized)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Cable                         | 1.8M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Reading Indicators            | LED/Buzzer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Input Voltage                 | 5 VDC/1A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Current                       | 115mA□Working□, 510mA(Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| OS Support                    | Microsoft Windows/Linux/Android/IOS/MacOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Drop Resistance               | Withstands repeated drops from 1.5m/4.0 ft onto a concrete surface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Performance                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Sensor                        | CMOS global shutter,640*480 Pixel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Pixel                         | 300,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Reading Precision             | ≥4mil/0.1mm□PCS90%,CODE 39□                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Depth of Field                | 10mm~250mm□Different bar code range□                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Decoding Speed                | 65CM/S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Illumination                  | Red LED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Scanning Mode                 | Auto,continuous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Reading Angle                 | Roll: ±360°□Pitch:±65°□Skew: ±60° (Test Conditions□CODE39,10mil/0.25mm,PCS90%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Print Contrast Ratio(minimum) | ≥15%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Ambient Illumination          | Dark Environment□Indoor Natural Light                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| 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>4mil</td> <td>CODE39</td> <td>40mm—70mm</td> </tr> <tr> <td>10mil</td> <td>CODE39</td> <td>10mm—130mm</td> </tr> <tr> <td>13mil</td> <td>UPC/EAN</td> <td>10mm—160mm</td> </tr> <tr> <td>20mil</td> <td>QR code</td> <td>10mm—150mm</td> </tr> <tr> <td colspan="3">etc.....</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 | 4mil | CODE39 | 40mm—70mm | 10mil | CODE39 | 10mm—130mm | 13mil | UPC/EAN | 10mm—160mm | 20mil | QR code | 10mm—150mm | etc..... |  |  |
| Precision                     | Barcode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Depth of Filed |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| 4mil                          | CODE39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 40mm—70mm      |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| 10mil                         | CODE39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10mm—130mm     |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| 13mil                         | UPC/EAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10mm—160mm     |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| 20mil                         | QR code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10mm—150mm     |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| etc.....                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Decoding Ability              | <p>1D:UPC-A,UPC-E,EAN-8,EAN-13,ISBN, ISSN, Code 128,GS1-128,ISBT, Code 39,Code 32, Code 93,Code 11,Codabar(NW-7),Interleaved 2 of 5,Matrix 2 of 5,Industrial 2 of 5(Straight 2 of 5),Standard 2 of 5□IATA 2 of 5□,NEC 2of 5, MSI</p> <p>2D: QR Code, Micro QR Code, Data Matrix□PDF417, Micro PDF 417□ MaxiCode, Aztec□HanXin Code, Pharma Code(One-Track), Codablock A, Codablock F, Dot Code</p> <p>Other composite code□GS1 Databar(Omnidirectional, Limited, Expanded)□GS1 Composite Code, TLC 39 Code. Chinese ID Card OCR , etc.</p> <p>Postal code□HongKong 2 of 5(China Post), Korea Post, Australian Post, British Post, USPS Intelligent Mail, Japanese Post, Planet Code, Postnet Code, UPU 4-State, KIX Code</p> |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Physical                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Weight                        | Gross:450g                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| Package                       | 170*115*110mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |         |                |      |        |           |       |        |            |       |         |            |       |         |            |          |  |  |

















2D Barcode Scanner

Model: OCBS-T220

Color: Black

Interface: USB

Power Input: 5V 0.5A



OCBS T220 2336500001

MADE IN CHINA