# 2D Barcode ScanningPlatform
## (M/N:OCBS-T203)

2D barcode scanningplatform movement is a high-performance movement, possessing the ability, highprecision, speed, compatibility and other features, it can quickly identify1D/2D barcode,mobile screen code,mobile payment code. products are widely usedin retailing, supermarkets, tobacco, logistics, warehousing, health care,clothing, and other areas which is the most cost effective products on themarket for your best choice.

Support : Alipay andWeChat make collections; 2D barcode mobile payment.
Support : Alipay,National tax,Aisino,Best wonoer, lightning invoicing.
Support : WeChat billingassistant, lightning invoicing.(custom-made)

## Features Summary:

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| 32-bit dual-chip and DSP decoding | Armed with 32-bit ARM chip and DSP of technology, the product is capable of reading 1D as well as high-volume 2D barcodes on the screen covered with protective film. |
| 2D barcodes make collections | Support 2D barcode payment with Alipay and Wechat. |
| lightning invoicing | Support with Alipay、National tax、Aisino、Best wonoer、WeChat, lightning invoicing. WeChat billing assistant, lightning invoicing.(custom-made) |
| Super long depth of field | 0—200mm@（UPC/EAN 100%、PCS90%） |
| High precision | The decoding accuracy 5mil. |
| Higher density of integration | New generation programming technology is adopted to reduce the discrete components so as to strengthen the density of integration and reduce the breakdown rate. |
| Simple to set up | Enter settings-scan setting code-exit setting, only three steps, simple and practical. |
| USB of free drivers: | Plug and operate, windows comes with driver, no need to install the driver. |
| Fill light switch | Easy to switch enable between disable. |

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| anti-scratch acrylic | Adopt imported anti-scratch material to ensure the window prevent from scratch after using for long time. |
| Stereo speaker | Stereo speaker adopted of graceful and vigorous acoustic quality rather than sharp and monotonous. |
| Military quality assurance | each spare parts is subject to strict inspection and all products are under rigorous test to ensure 100% qualification rate. |
| Aging test | All products are passed 72 hours aging test and actual operation test before the consignment. |
| Bite free test | products have passed five millions times error free test. |
| Proprietary intellectual property: | Our products are of independent intellectual property from appearance, hardware and software. Meanwhile, we have obtained the Layout-design patent, utility model patent, invention patent and software copyright. |
| Bi-color LED indicator lights: | Adopt bi-color LED indicator lights to display different conditions in the operation.standby｜green｜decoding｜red. |
| easy-installed interface | It can be easily installed and moved without any tools,you don't need find clips anymore. |
| Exquisite packaging: | The packaging adopt imported cardboard and each of them could withstand 50kg external forces. It wouldn't be out of shape when someone stand over it after put a piece of wood . Furthermore , delicate and compact packaging can also save freight. |

## Performance parameter:

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| Image Sensor | | CMOS |
| Pixels | | 752*480 CMOS |
| Illumination | | white light, LED |
| symbologies | | Code128, UCC/EAN-128, AIM-128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-14, Matrix 2 of 5,Industrial 25, Standard 25, Code 39, Codabar, Code 93, Code 11,Plessey, MSI-Plessey, GS1-DataBar (RSS), (RSS-14, RSS- Limited,RSS-Expand) PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000, 050, 080, 100, 140), HanXin code. |
| Resolution | | ≥5mil |
| Motion Tolerance | | 2.5 m/s |
| Scan Angle | Pitch | ±50°@ 0°Roll and 0° Skew |
| | Roll | ±360°@ 0°Pitch and 0° Skew |
| | Skew | ±60°@ 0°Roll and 0° Pitch |
| Interface | | USB HID-KBW｜USB virtual port｜USB HID-POS TTL-232｜RS-232 |

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| Field of View | | Horizontal 44°, Vertical 33.2° |
| Depth of Field | EAN-13 | 0cm—20cm（13mil） |
| | PDF 417 | 0cm-7cm（6.67mil） |
| | CODE 39 | 0cm-12cm（5mil）(figure 1) |
| | Date Matrix | 0cm-4cm（10mil） |
| | QR Code | 0cm-10cm（15mil） |
| Dimensions（L*W*H） | | 89*108*143mm(figure 2) |
| Weight | | 245g（Scanning Platform only） |
| Operating Temperature | | 20℃~+50℃ (-4°F~122°F) |
| Storage Temperature | | -40℃~+80℃ (-40°F~176°F) |
| Humidity | | 5%~95%（non-condensing） |
| ESD | | ±14 kV（air discharge），±8 kV（direct discharge） |
| Drop | | 1.2m drops to concrete(for six sides,one drop per side) |
| Sealing | | IP 52 |