

Handfree 2D Imaging omnidirectional barcode scanner

(OCBS-T203)

Features Summary:

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.
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:

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	
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°C~+50°C (-4°F~122°F)	
Storage Temperature	-40°C~+80°C (-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





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