

## 2014 Newest bluetooth wireless 2d Barcode Scanner Model: OCBS-W229

### Specification:

Physical Characteristics			
<b>Dimensions:</b>	97.3mmx60.3mmx181mm		
<b>Weight:</b>	175g(without cable)		
<b>Cable length:</b>	1.8m		
<b>Voltage and Current:</b>	5 +/-10%VDC 350 mA		
Performance Characteristics			
<b>Light Source:</b>	Aiming: 528 nm LED; illumination: 630 nm LED		
<b>Field of View:</b>	34° V x 46° H		
<b>Roll / Pitch / Yaw:</b>	360°, +65°, +60°		
<b>Scan Performance:</b>	Depth of filed(from engine face)		
	Table 1D ensity	TD3000	
	Paper Label	English	Metric
	13mil (100% UPC/EAN)	1.2-8.0 in	3.0-20.5cm
	20mil (Code 39)	1.2-12.0 in	3.0-30.5cm
	PDF417(10mil)	2.0-6.0 in	5.0-15.5cm
Data matrix(10mil)	2.1-6.0 in	5.2-15.5cm	
Symbology Decode Capability			
<b>1-D:</b>	UPC/EAN and with supplemental, Code 39, Code 39 Full ASCII, Tri-optic Code 39, RSS variants, UCC/EAN 128, Code 128, Code 128 Full ASCII, Code 93, Coda bar (NW1), Interleaved 2 of 5, Discrete 2 of 5, MSI, Codell, IATA, Bookland EAN, Code 32		
<b>PDF417 (and Variants):</b>	PDF417, microPDF417 and composite codes		
<b>Postal:</b>	U.S. Postnet and Planet, U.K., Japan, Australian, and Dutch		
<b>2-D:</b>	MaxiCode, DataMatrix (ECC 200), and QR Code		
<b>Print Contrast:</b>	25% minimum reflectance		
<b>Motion Tolerances:</b>	Horizontal velocity: 2 in. (5 cm) per second		
<b>Interfaces Supported:</b>	RS-232C (Standard, Nixdorf, ICL, and Fujitsu); USB (Standard, SurePOS, M ac ntosh) and Synapse connectivity allows for connectivity to all of the above plus many non-standard interfaces.		
Imaging Characteristics			
<b>Image (Pixels):</b>	0.30 Megapixel 640 pixels H x 480 pixels V		
<b>Graphics Format Support:</b>	Images can be exported as Bitmap, Jpeg, and Tiff		
<b>Reading Dist:</b>	3 to 35cm(resolution dependent)		
<b>Image Transfer Speed:</b>	USB 1.1: Up to 12 Megabits/secondRS232: Up to 115 kb baud rate		
<b>Image Transfer Time:</b>	Typical USB application is ~ 0.2 seconds with a compressed jpeg of 100 kb		
Wireless Parameter			
<b>Frequency</b>	433MHz	Bluetooth	
<b>Comm. Dist</b>	800m in the field	10m/100m	
<b>Channel</b>	64 channels auto switch	/	
<b>comm. protocol</b>	USB-HID, USB-COM	/	
<b>Baud Rate</b>	1.2k to 38.4k(default:9.6kbit/s)	/	
<b>Offline Storage</b>	8MB memory		
<b>Peak Current</b>	435mA		
<b>Current consumption</b>	525mA		
<b>Idle Current</b>	66mA		
<b>Battery</b>	Li-ion 2400mAH		
<b>Working Hours</b>	>= 4hrs		
Power			
<b>Voltage</b>	5VDC+-10%VDC		
<b>Peak Current</b>	435mA		
<b>Idle Current</b>	67mA		
User Environment			
<b>Operating Temperature:</b>	14 to 122 degree F / -10 to 50 degree C		
<b>Storage Temperature:</b>	-40 to 158 degree F / -40 to 70 degree C		
<b>Humidity:</b>	5% to 95%, non-condensing		
<b>Drop/Shock Specifications:</b>	Withstand 2000g to concrete		
<b>Ambient Light Immunity:</b>	Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting.		
Ordering Information:			
OCBS-W229-R-b	433MHZ Wireless Scanner, Black		
OCBS-W229-R-w	433MHZ Wireless Scanner, White		
OCBS-W229-B-b	Bluetooth Wireless Scanner, Black		
OCBS-W229-B-w	Bluetooth Wireless Scanner, White		