

# Wireless 2D Barcode Scanner

(Model No: OCBS-W229)

## FEATURE:

- **High resolution scanning:**  
3.0 Megapixel  
640 pixels H x 480 pixels V  
34 degree V x 46 degree H (Vertical x Horizontal);
- **Multiple Interface support:** RS-232C; USB2.0;
- **Impressive Decoding Rate:** Speed 60 times/s;
- **Depth of Field:** 3cm~35cm(resolution dependent);
- **Durable construction:** 2.5m shock resistant, Light weight 175g;
- **Wireless Frequency:**  
**OCBS-W229-R**  
433MHZ  
64 channels auto switchable  
One-to-one, one-to-all, all-to-one, >=4hrs/full charged  
**OCBS-W229-B**  
Class/II (10m/100m) Master/Slave Switchable 8MB memory
- **Applicable Industry**  
Supermarket, medical care, finance, postal, warehouse, etc



## SPECIFICATION:

Physical Characteristics			
Dimensions:	97.3mmLx60.3mmWx181mmH		
Weight:	175g(without cable)		
Cable length:	1.8m		
Voltage and Current:	5 +/-10%VDC @ 350 mA		
Performance Characteristics			
Light Source:	Aiming: 528 nm LED; illumination: 630 nm LED		
Field of View:	34° V x 46° H(Vertical x Horizontal)		
Roll / Pitch / Yaw:	360°, ±65°, ±60°		
Scan Performance:	Depth of filed(from engine face)		
	Lable 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		
1-D:	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	
PDF417 (and Variants):	PDF417, microPDF417 and composite codes	
Postal:	U.S. Postnet and Planet, U.K., Japan, Australian, and Dutch	
2-D:	MaxiCode, DataMatrix (ECC 200), and QR Code	
Print Contrast:	25% minimum reflectance	
Motion Tolerances:	Horizontal velocity: 2 in. (5 cm) per second	
Interfaces Supported:	RS-232C (Standard, Nixdorf, ICL, and Fujitsu); USB (Standard, IBM SurePOS, Macintosh) and Synapse connectivity allows for connectivity to all of the above plus many non-standard interfaces.	
Imaging Characteristics		
Image (Pixels):	0.30 Megapixel 640 pixels H x 480 pixels V	
Graphics Format Support:	Images can be exported as Bitmap, Jpeg, and Tiff	
Reading Dist:	3 to 35cm(resolution dependent)	
Image Transfer Speed:	USB 1.1: Up to 12 Megabits/secondRS232: Up to 115 kb baud rate	
Image Transfer Time:	Typical USB application is ~ 0.2 seconds with a compressed Jpeg of 100 kb	
Wireless Parameter		
Frequency	433MHz	Bluetooth
Comm. Dist	800m in the field	10m/100m
Channel	64 channels auto switch	/
comm. protocol	USB-HID, USB-COM	/
Baud Rate	1.2k to 38.4k(default:9.6kbit/s)	/
Offline Storage	8MB memory	
Peak Current	435mA	
Current consumption	525mA	
Idle Current	66mA	
Battery	Li-ion 2400mAH	
Working Hours	>= 4hrs	
Power		
Voltage	5VDC+-10%VDC	
Peak Current	435mA	
Idle Current	67mA	
User Environment		
Operating Temperature:	14° to 122° F / -10° to 50° C	
Storage Temperature:	-40° to 158° F / -40° to 70° C	
Humidity:	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.
<b>Ordering Information:</b>	
OCBS-W229-R-b	433MHZ Wireless 2D Barcode Scanner, Black Color
OCBS-W229-R-w	433MHZ Wireless 2D Barcode Scanner, White Color
OCBS-W229-B-b	Bluetooth Wireless 2D Barcode Scanner, Black Color
OCBS-W229-B-w	Bluetooth Wireless 2D Barcode Scanner, White Color

