

## High quality wireless 2D barcode scanner with cradle

**Model: OCBS-W231**

### Features:

- 1, 433Mhz Wireless communication distance outdoor 300m, indoor 100m; Bluetooth wireless communication distance outdoor 20m, and 10m indoor;
- 2, Equipped with communication and charging base
- 3, Soft plastic cover to protect the lens and outline greatly enhances the anti-drop performance;
- 4, Barcode on computers' and mobile phones' screen can be scanned;
- 5, No need driver, plug and play;
- 6, Can store more than 10,000 pieces of data;
- 7, Multiple scanners can be connected to one receiver (433mhz).

### Parameters:

Aiming Light Source	617 nm LED		
Lighting Light Source	625 nm LED		
Scanning Angle	39° (H) x 25° (V)		
Rotation Angle	0 - 360°		
Elevation Angle	± 65°		
Tilt Angle	± 60°		
Print Contrast	Higher than 25%		
1D	UPC/EAN, UPC/EAN with supplementals, BooklandEAN, ISSN, UCC Coupon Extended Code, Code128, GS1-128, ISBT 128, Code 39, Code 39 Full ASCII, Trioptic Code 39, Code 32, Code 93, Code11, Matrix 2 of 5, Interleaved 2 of 5, Discrete 2of 5, Codabar, MSI, Chinese 2 of 5, GS1 Data Barvariants, Korean 3 of 5, ISBT Concat		
2D	PDF417, MicroPDF417, Composite Codes, TLC-39,Data Matrix, Maxicode, QR Code, MicroQR, Aztec		
Interface	USB (Wireless receiver cable)		
Communication distance	433mhz: Inside: 100m; Outside: 300m (Max) Bluetooth: Inside: 10m; Outside:20m (Max)		
Operating Temperature	-10 deg C - 45 deg C		
Storage Temperature	-20 deg C - 65 deg C		
Operating Humidity	5%-85%		
Storage Humidity	5%-95%		
Durability	Withstands multiple 1.5m drops to concrete		
Input Power	DC 5V, 280mA		
Charging time	6h		
Battery	1500mAh		
Lumination	Inside: 3.000 LUX max; Outside sunlight: 86000LUX max		
IP Grade	IP42		
DECODE RANGES			
Typical Performance*		Typical Working Ranges	
		HD Focus Range	
Bar Code Type	Symbol Density	Near	Far

Code 39	5.0 mil	5mm	90mm
100% UPCA	13.0 mil	8mm	200mm
Code 39	20.0 mil	8mm	250mm
PDF 417	6.8 mil	5mm	95mm
Data Matrix	10.0 mil	5mm	110mm
QR Code	20.0 mil	10mm	150mm
Resolution 1D Code 39	4 mil		
Resolution 2D Data Matrix	10 mil		
Material	ABS+PC		
Dimension	Scanner (70*95*168mm) Base(145*112*74mm)		
Net Weight	Scanner 185g Base 186g		
<b>Ordering Information:</b>	<b>OCBS-W231-4:</b> 433mhz wireless 2d barcode scanner with cradle		
	<b>OCBS-W231-B:</b> bluetooth 2d barcode scanner with cradle		



# FIVE CORE STRENGTHS

HIGH SPEED SCANNING EFFICIENCY OF CHOICE



LONG DISTANCE WIRELESS COMMUNICATION



STRONG DECODING ABILITY



CHARGING CRADLE



STABLE STRUCTURE



NO NEED DRIVER, PLUG AND PLAY

**1**

**FAST SCAN,HIGH RECOGNITION RATE**



**2**

**STRONG DECODING ABILITY**



**3**

**CRADLE FOR CHARGING AND WIRELESS COMMUNICATION**



**4**

**STABLE STRUCTURE, DURABLE AND HIGH RUB RESISTANCE**



**5**

**NO NEED DRIVER PLUG AND PLAY**





## THE PRODUCT FAMILY

---



## PRODUCT PACKAGING FIGURE

---





## WIDE RANGE OF APPLICATION,RICH TYPE OF DECODING

It's APPLICATED AT ANY PLACE,THE MORE AND MORE CUSTOMERS TREND TO USE OCOM SCANNER



**PRODUCT  
INORMATION**

---

Aiming Light Source	617 nm LED
Lighting Light Source	625 nm LED
Scanning Angle	39° (H) x 25° (V)
Rotation Angle	0 - 360°
Elevation Angle	± 65°
Tilt Angle	± 60°
Print Contrast	Higher than 25%
1D	UPC/EAN, UPC/EAN with supplementals, BooklandEAN, ISSN, UCC Coupon Extended Code, Code 128, GS1-128, ISBT 128, Code 39, Code 39 Full ASCII, Trioptic Code 39, Code 32, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI, Chinese 2 of 5, GS1 Data Bar variants, Korean 3 of 5, ISBT Concat
2D	PDF417, MicroPDF417, Composite Codes, TLC-39, Data Matrix, Maxicode, QR Code, MicroQR, Aztec
Interface	USB (Wireless receiver cable)
Communication distance	433mhz: Inside: 100m; Outside: 300m (Max) Bluetooth: Inside: 10m; Outside: 20m (Max)
Operating Temperature	-10 deg C - 45 deg C
Storage Temperature	-20 deg C - 65 deg C
Operating Humidity	5%-85%
Storage Humidity	5%-95%
Durability	Withstands multiple 1.5m drops to concrete
Input Power	DC 5V, 280mA
Charging time	6h
Battery	1500mAh
Lumination	Inside: 3.000 LUX max; Outside sunlight: 86000LUX max
IP Grade	IP42

DECODE RANGES			
Typical Performance*		Typical Working Ranges	
		HD Focus Range	
Bar Code Type	Symbol Density	Near	Far
Code 39	5.0 mil	5mm	90mm
100% UPCA	13.0 mil	8mm	200mm
Code 39	20.0 mil	8mm	250mm
PDF 417	6.8 mil	5mm	95mm
Data Matrix	10.0 mil	5mm	110mm
QR Code	20.0 mil	10mm	150mm
Resolution 1D Code 39	4 mil		
Resolution 2D Data Matrix	10 mil		
Material	ABS+PC		
Dimension	Scanner (70*95*168mm)      Base (145*112*74mm)		
Net Weight	Scanner 185g    Base 186g		
Ordering Info.	433MHz wireless communication (OCBS-W231-4)		
	Bluetooth communication (OCBS-W231-B)		

## Shipping and payment

1. Air, Sea, Express(DHL, FedEx, UPS, EMS, TNT and so on)
2. EXPRESS: around 3-7 working days to arrive
3. INTERNATIONAL AIR MAIL: usually around 2-4 days to arrive, will also depend on which destination port
4. By sea: depend on which destination port
5. T/T
6. Western Union
7. Escrow
8. L/C

## Company Profile



OCOM Technologies Limited is a professional supplier specialized in POS and Auto-ID applications. Our products portfolio covers Barcode Scanner, Barcode Printer, Thermal Printer, Dot Matrix Printer, Magnetic Card Reader, Data Collector, POS Terminal, and other IOT products.



We have FCC, CE, RoHS, and other certifications. We have sell our products to West Europe, North American, Africa, Asia-Pacific and other countries.

OCOM has professional teams including marketing, R&D, quality control, production and sales service. All of the sales representatives have 3 to 10 years experience in international trading, which help us to meet the customers' needs.

OCOM have been sticking to the quality system of ISO9001:2008. We conduct strict IQC, IPQC and OQC inspection in every industrial procedure. Based on our strong capacity, the normal lead time for main products is about 3 to 7 days even for bulk order.

You can find more information of us at: [www.ocominc.com](http://www.ocominc.com),

Together we quest for the best.





## Contact us

**Any queries, please contact us immediately, big surprise is waiting for you.**

### Sales Center:

Address: 4/F, Block 10, Zhongxing Industrial Park, Chuangye Road, Nanshan District, Shenzhen 518054, China

Website: [www.ocominc.com](http://www.ocominc.com) [www.possolution.com.cn](http://www.possolution.com.cn);

E-mail: [sales15@ocominc.com](mailto:sales15@ocominc.com)

Tel: 0086.755.86053207-815;

Fax: 0086.755.86053207-868;

QQ: 210852908;

Wechat: ocomsales15;

Whatsapp: +0086.189.4879.9080;

### Relevant documents:

[User Manual](#)

### Products Video:

**Product Specific:**[OCBS-W231 433Mhz or Bluetooth Wireless QR Code 2D Barcode Scanner With Cradle](#)