


# 433Mhz or Bluetooth Wireless 2D Barcode Scanner

(Model: OCBS-W231/W231B)

## 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 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, Bookland/EAN, ISSN, UCC Coupon Extended Code, Code128, Code 39, Code 39 Full ASCII, Trioptic Code 39, Code 32, Code 93, Code11, 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, 200mA
Charging time	6h
Battery	1500mAh
Lumination	Inside: 3,000 LUX max; Outside sunlight: 8600LUX max
IP Grade	IP42
DECODE RANGES	
Typical Performance*	
Bar Code Type	Symbol Density
Code 39	5.0 mil
100% UPCA	13.0 mil
Code 39	20.0 mil
PDF 417	6.8 mil
Data Matrix	10.0 mil
QR Code	20.0 mil
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

Typical Working Ranges	
HD Focus Range	
Near	Far
5mm	50mm
8mm	200mm
8mm	250mm
5mm	95mm
5mm	110mm
10mm	150mm