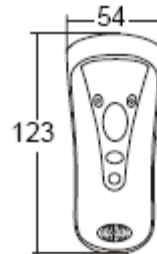


## Mini Portable Bluetooth 1D/2D Barcode Scanner

(Model No: OCBS-W106/ OCBS-W206)



### **FEATURE:**

- 1D and 2D optional:1D - Laser 650nm, 2D - CMOS 300K million pixels;
- Multiple Interfaces Support:USB,RS-232,PS/2;
- Impressive Scan Rate:1D -about 200SPS, 2D - 600MHz Processor;
- Durable Construction:2.5m Shock resistant;
- Lightweight Construction:216 grams with cable,110 grams without cable;
- Bluetooth Communication: Class I/II (10m/100m);
- Built-in SPP and HID;
- 512MB memory;
- Master/Slave Switchable;
- 900mAH Li-ion Battery;

### **SPECIFICATION:**

Hardware		
<b>2D CMOS</b>		
Sensor	CMOS 640x 480	
Symbologies	Most 1Ds and PDF 417,QR Code, Data Matrix, Maxi code, Aztec, etc.	
Reading Distance	UPC/ EAN /13 mils	30 to 205 mm
	Code 39/ 20 mils	30 to 305 mm
	PDF 417 /10 mils	50 to 155 mm
	Data matrix /15 mils	52 to 155 mm
<b>1D LASER</b>		
Light Source	Visible laser diode, wavelength 650nm	
Scanner Rate	200 scans per seconds(SPS)	
Resolution	0.1mm(4mil) at PCS 0.9	
Reading Distance	1 to 80cm(resolution dependent)	
Tilt Angle	45 Degree	
Skew Angle	65 Degree	
PCS	0.3	

Power	
Voltage Requirement	DC+5V 5%
Peak Current	98mA
Idle Current	63mA
Environment	
Temperature	Operation:-10 Degree C -50 Degree C Storage:-20 Degree C-60 Degree C
Humidity	Operation:5%-95%( non-condensing) Storage:5%-95%( non-condensing)
Shock	2.5m drop on concrete surface
EMI Generation	FCC
Safety	CDRH class 1 laser product
Ambient Light	Max.10 ,000 Lux(FL)
Physical	
Size	123mmx54mmx29mm
Weight	216g(with cable)
Cable Length	1.8m
Bluetooth	
Comm Dist	10m/100m
Communication	Built-in SPP and HID
Mode	Master or Slave
Current Consumption	1 88mA
Idle Current	93mA
Battery	Li-ion 950mAH
Working Hours	>10 hrs
Memory	4M memory
Ordering Information	
OCBS-W106	Mini Portable Bluetooth 1D Barcode Scanner
OCBS-W206	Mini Portable Bluetooth 2D Barcode Scanner

## Related Parts:

**1D Engine**



Dimensions	42x43x17mm
Working Current	42mA @ 5V
Infrared Sensor	Auto trigger
Output Signal	TTL

**2D Engine**



Dimensions	28x14x8mm
Power consumption	42mA @ 3.3V
Output Signal	TTL