

2D Barcode Scanner with 433MHz Wireless Communication

(OCBS-W230)

Physical Characteristics			
Dimension	95x65x155mm		
Material	ABS+PC		
Net Weight	160g		
Optical Performance			
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 FullASCII, 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 DataBarvariants, Korean 3 of 5, ISBT Concat		
2D	PDF417, MicroPDF417, Composite Codes, TLC-39,Data Matrix, Maxicode, QR Code, MicroQR, Aztec		
Interface	USB		
Communication distance	Inside: 100m; Outside: 300m (Max)		
Operating Temperature	-10°C - 45°C		
Storage Temperature	-20°C - 65°C		
Operating Humidity	5%-85%		
Storage Humidity	5%-95%		
Durability	Withstands multiple 1.8m drops to concrete		
Input Power	DC 5V, 350mA		
Lumination	Inside: 3.000 LUX max; Outside sunlight: 86000LUX max		
EMC	EN50081, par1 standard		
FCC	EN50082, par1 standard		
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	□	2.8 mil (0.071mm)	□
Resolution 2D Data Matrix	□	4.8 mil (0.122mm)	□