

W8-X Wireless 2D Handheld Barcode Scanner



PRODUCT OVERVIEW

Model	W8-X
Product Type	Barcode Scanner

Scanning Performance	
Decode Capabilities	1D/2D
Scan Engine	CMOS
Sensor Resolution	VGA 1MP (1280 × 800)
Illumination	5600K White LED Red LED aimer 0~100000 lux
Aiming System	Red LED aimer
Minimum Element Resolution	1D≥4 mil 2D≥5 mil
Minimum Print Contrast	≥20%
Angular Tolerance	Skew±60°, Pitch±60°, Roll360° 40° (H) x 30° (V)
Depth of Field	Code 39 -5 mil: 30 mm - 80 mm UPCA -13 mil (100 %): 50 mm - 210 mm
Supported Symbologies	2D QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, Aztec, MaxiCode 1D UPC-A, UPC-E, EAN-8.EAN-13, Code 128, Code 39, Code 93, Code 32, Code 11, Codabar, Plessey, MSI Plessey, Interleaved 2 of 5, IATA 2 of 5, Matrix 2 of 5, Straight 2 of 5, Pharmacode, GS1 DataBar 14, GS1 DataBar Expanded, GS1 DataBar Limited, Composite Code-A, Composite Code-B, Composite Code-C
Trigger Modes	Manual trigger, Continuous mode, Presentation mode

Connectivity & Wireless	
Connectivity	Wired, Wireless, 2.4 GHz, Bluetooth 2.4 GHz wireless+Bluetooth (supported versions 2.0, 3.0, 4.0, 4.2) +Wired connection
Host Interfaces	USB
Wireless Range	2.4 GHz: 65 m Bluetooth: 20 m
Onboard Memory	64kb~2M

Power	
Battery Capacity	2000 mAh
Operating Time	3 minutes to enter standby

Power	
Standby Time	3 minutes to enter standby
Charge Time	3-4 hours 5V 2A
Operating Voltage	DC 5V±5% 240 mA 0.6µA

Physical Specifications	
Dimensions	L × W × H (mm): 170 × 65 × 70 mm
Weight	Approx. 158 g
Enclosure Material	ABS+TPU
Color Options	Black, Red
Cable Length	1.2 m
Stand Included	No
User Feedback	Buzzer, LED indicator

Environmental & Compliance	
Drop Resistance	2 m free-fall drop
Operating Temperature	-10°C-50°C
Storage Temperature	-20°C-70°C
Relative Humidity	5%-95% (non-condensing)
Ambient Light Immunity	0~100000 lux
Certifications	CE, RoHS, FCC