

W6-X Wireless 1D Handheld Barcode Scanner



PRODUCT OVERVIEW

Model	W6-X
Product Type	Barcode Scanner

Scanning Performance

Decode Capabilities	1D
Scan Engine	CCD
Image Sensor	Linear CCD Sensor
Sensor Resolution	Linear CCD Sensor 2500point
Illumination	Visible red light, wavelength632nm (dual-beam)
Acquisition Rate	Maximumup to300 scans/s
Minimum Element Resolution	≥3 mil/0.127 mm@PCS90%
Minimum Print Contrast	≥25%
Angular Tolerance	Test Conditions: CODE39,10 mil/0.25 mm,PCS90% Pitch:±60°Roll: ±30°Skew: ±60°
Depth of Field	Code 39 8 bytes (5 mil) 45 mm~180 mm Code 39 10 bytes (20 mil) 110 mm~550 mm Code 39 5 bytes (40 mil) 135 mm~700 mm UPC/EAN 13 12 bytes (13.0 mil) 40 mm~400 mm
Supported Symbolologies	EAN-8, EAN-13, Codabar, CODE11, CODE 39, CODE 93, CODE128, China Post, GS1-128, GS1 Limited, GS1 Omnidirectional, UPC-A, UPC-E, ISBN/ISSN, ISBT, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, MSI, Plessey, ITF14.
Trigger Modes	Manual trigger, Continuous illumination mode, Presentation mode, Host-command trigger
Processor	ARM32-bit

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: 100 m Bluetooth: 20 m
Onboard Memory	64kb~2M

Power	
Battery Capacity	2000 mAh
Operating Time	3 minutes to enter standby
Standby Time	3 minutes to enter standby
Charge Time	4-5 hours 5V 2A
Operating Voltage	DC 5V±5% 200 mA 0.6µA

Physical Specifications	
Dimensions	L × W × H (mm): 170 × 65 × 70 mm
Weight	Approx. 156 g
Enclosure Material	ABS+TPU
Color Options	Black
Cable Length	1.2 m
Stand Included	No
User Feedback	Buzzer, LED indicator

Environmental & Compliance	
Drop Resistance	2 m free-fall drop
Operating Temperature	-20°C to 50°C
Storage Temperature	-40°C to 70°C
Relative Humidity	5% to 95% (non-condensing)
Ambient Light Immunity	100,000 lux Max
Certifications	CE, RoHS, FCC