

X-6800 Wireless 2D Barcode Scanner



PRODUCT OVERVIEW

Model	X-6800
Product Type	Barcode Scanner

Scanning Performance

Decode Capabilities	1D/2D
Scan Engine	CMOS
Image Sensor	CMOS(Global Shutter)
Sensor Resolution	CMOS(Global Shutter) 640×480
Illumination	White LED Red LED
Aiming System	Red LED
Minimum Element Resolution	1D≥4 mil 2D≥5 mil
Minimum Print Contrast	≥20%
Angular Tolerance	Roll 360°, Pitch ± 55°, Skew ± 55° 48° H:40° V:30°
Depth of Field	EAN-13 50 mm-220 mm (13 mil) Code39 40 mm-100 mm (5 mil 10 bytes) QR Code 25 mm-240 mm (20 mil 16 bytes) Data Matrix 50 mm-100 mm (10 mil 20 bytes) PDF 417 30 mm-140 mm (6.67 mil 7 bytes)
Supported Symbologies	2D QR Code, Data Matrix, PDF417, Aztec, MaxiCode, Han Xin Code 1D EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, MSI-Plessey, GS1 DataBar, GS1 Composite Code, Code 11, Industrial 25, Standard 25, Plessey, Matrix 2 of 5
Trigger Modes	Manual trigger, Continuous mode, Presentation mode Manual trigger, Continuous mode, Presentation mode, Host-command trigger

Connectivity & Wireless

Connectivity	Wired, Wireless, 2.4 GHz, Bluetooth Wired, 2.4 GHz wireless, Bluetooth (supported versions 2.0, 3.0, 4.0, 4.2) 2.4 GHz, USB HID (USB COM), Bluetooth (HID, SPP, BLE)
Host Interfaces	USB Standard USB interface
Wireless Range	2.4 GHz: 65 m Bluetooth: 20 m
Onboard Memory	64kb~2M

Power	
Battery Capacity	1000 mAh
Operating Time	3 minutes to enter standby
Standby Time	3 minutes to enter standby
Charge Time	Approx. 4 hours 5V 1~2A
Operating Voltage	5V±5% 170 mA ±5% (Typical),260 mA ±5% (Maximum) 0.6µA

Physical Specifications	
Dimensions	Scanner: 110 × 40 × 20
Weight	Weight: Approx. 110 g Approx.
Enclosure Material	Elastomer: TPU Rigid housing: ABS
Color Options	Gray, Yellow
Cable Length	Type-C Cable length: 1.2 m
Stand Included	No
User Feedback	Buzzer, Vibration

Environmental & Compliance	
Drop Resistance	Withstands a 2 m drop to concrete
Operating Temperature	-20°C~+60°C
Certifications	CE, RoHS, FCC