



L: 95 mm; W: 70.5 mm; H: 160.4 mm

Features & Benefits:

- Wi-Fi Scanner Easily Integrates into Existing Enterprise Wireless Network Infrastructure
- WEP, WPA and WPA2 Security Provides Reliable Data Transmission
- 2" Color Display, Function Keys, Navigation Key and Virtual Keyboard for Easy Data Entry, Confirmation and Transmission

Wi-Fi Handheld 2D Scanner

WS-1 barcode scanner cost-effectively and efficiently integrates within an enterprise's wireless network infrastructure with minimum effort. Its built-in 2" color QVGA LCD display provides clear visual confirmation of scanned data at the point of activity. The easy menu-driven configurations, two function keys, 5-way navigation key, virtual keyboard and integrated keypads allows users to fulfill comprehensive alpha-numeric data entry, confirm the accuracy of data, and successfully transmit scanned data with ease. A host-acknowledgement function confirms data has been successfully received by the host in real-time.

WS-1 provides enterprise class 802.11 b/g wireless connectivity. The Wi-Fi scanner can also store scanned data into memory and later whole-batch transmit as a CSV or TXT file.

WS-1 supports both conventional WEP and advanced WPA and WPA2 wireless LAN security, preventing unauthorized access and ensuring reliable and secure data transmission.

With smart power management, WS-1 maximizes the long-lasting Li-ion battery power and provides up to eight hours of continuous operation. Its built-in vibrator alerts the user in both noisy and quiet environments.

Complete with a software application to easily program the scanner, send remote messages or lock/unlock one or multiple Wi-Fi scanners remotely, data from WS-1 can be transmitted through a COM or HID.

WS-1 is available in a 1D model that reads 13 mil UPC barcodes up to 24" away, or a 2D model that reads barcodes such as DataMatrix and PDF417. Optional multi-data fields and transmission sequence area also available for batch operation.



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WS-1

Performance	
Optical System, Reading Direction	WS-1L: 1 D Scanning/Linear Image Engine; Bi-Directional (Forward & Back) WS-1M: 2D Scanning Area Imager; Omni-Directional (360°)
Print Contrast	30% Minimum Reflective Difference (MRD)
Light Source	630 nm visible red LED
Configuration Setup	On scanner, windows utility
Pitch, Skew, Tilt	+/- 65°, 65°, 55°
Data Editing	Condensed DataWizard via barcode command; Full-feature DataWizard via Windows utility
User Interfaces	2" QVGA color display with backlit 2 function keys, one 5-way navigation key, Blue link indicator, 2-color status indicators, Programmable beeper, Vibrator
Mechanical/Electrical	
Dimensions (L x W x H)	95 mm x 70.5 mm x 160.5 mm (3.74" x 2.78" x 3.62")
Weight	211 g (with battery included)
Color	Black
Battery	3.7V, 2200 mAH Li-ion rechargeable battery
Battery Charge Time	Approximately 4-5 hours for 100%
Communication	
RF Standard	IEEE 802.11 b/g
RF Frequency	Country dependent, Typical 2.4 to 2.5 GHz
Operating Modes	Infrastructure mode, Ad-hoc mode
Communication Range	More than 150 meters in open space
Security	WEP, WPA, WPA2
Environmental	
Operating Temperature	-10° to 50°C (14° F to 122° F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5% to 95% relative humidity, noncondensing
Drop Specifications	Designed to withstand multiple to concrete from 1.8m (6')
Environmental Sealing	IP41
Light Levels	0 to 100,000 lux (9,290 foot candles)
Supported Symbologies	
1D	Code 39, Code 39 Full ASCII, Code 32, Code 39 Trioptic, Code 128, UCC/EAN-128, Codabar, Code 11, Code 93, Standard & Industrial 2 of 5, Interleaved & Matrix 2 of 5, German Postal Code, China Postal Code, IATA, UPC/EAN/JAN, UPC/EAN/JAN with Addendum, Telepen, MSI/Plessey & UK/Plessey, GS1 DataBar Linear & Linear Stacked
Linear-Stacked (both models)	PDF417, Micro PDF417, Codablock, Composite
2D Matrix (WS-1M Model Only)	DataMatrix, QR Code, Aztec Code



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