



**WWS750** | 2D Rugged Wireless Barcode Scanner  
**Industrial-Grade Scanner Built for the  
Harshest and Most Demanding Applications**



**Key Features**

- Scans Popular 1D and 2D Barcodes
- Data Collect 295ft (90m) from Base
- 30,000+ Continuous Scans on One Full Charge
- Durable 6.6ft (2m) Drop Spec and IP65 Rating
- Green Spot Technology for Good-Read Feedback

# WWS750 | 2D Rugged Wireless Barcode Scanner

## OPTIC & PERFORMANCE

Aiming: 630 - 680 nm VLD  
Illumination: White LEDs  
Imager Sensor: 864 x 544  
Resolution: 1D Codes: 4 mil; 2D Codes: 7.5 mil  
Scan Angle: Pitch: +/- 40°; Roll (Tilt): 360°; Skew (Yaw): +/- 40°  
Print Contrast Ratio: 15%

## DEPTH OF FIELD

4 mils: 6.0 to 17.0 cm / 2.3 to 6.7 in  
7.5 mils Data Matrix: 9.0 to 12.0 cm / 3.5 to 4.7 in  
10 mils Data Matrix: 4.0 to 18.0 cm / 1.5 to 7.0 in  
10 mils PDF417: 2.0 to 25.0 cm / 0.8 to 9.8 in  
13 mils: 4.0 to 45.0 cm / 1.5 to 17.7 in  
20 mils: 4.0 to 55.0 cm / 1.5 to 21.6 in  
40 mils: 4.0 to 85.0 cm / 1.5 to 33.4 in

## PHYSICAL CHARACTERISTICS

Scanner Dimension: 8.3 x 4.3 x 2.9 in (21.2 x 11.0 x 7.4 cm)  
Cradle Dimension: 9.4 x 4.3 x 3.8 in (24.0 x 10.8 x 9.5 cm)  
Scanner Weight: 13.4 oz. (380 g.)  
Color: Black & Yellow  
Connector: USB  
Trigger: Scan button  
Indicator: Beeper (Adjustable Tone and Volume); three green lights and loud beeper for good-read feedback

## ELECTRICAL

Operation Voltage: 150 mA @ 10 VDC  
Working Current: Charging (Typical): External Power: 800 mA @ 10 VDC; POT: 500 mA @ 5 VDC  
Input Voltage: External Power: 10-30 VDC; POT: 5 VDC +/- 10%

## CONNECTIVITY

Bluetooth 3.0 Certified Class 1  
USB: OEM USB; USB COM

## USER ENVIRONMENT

Operating Temperature: -4~122 °F 9 (-20~50 °C)  
Storage Temperature: -40~158 °F (-40~70 °C)  
Humidity: 95% (Non-condensing)  
Scanner Drop Durability: 50 drops from 6.6 ft. onto a concrete surface (2.0 m)  
Cradle Drop Durability: 50 drops from 3.9 ft. onto a concrete surface (1.2 m)  
Sealing: IP65  
Ambient Light: 0 - 100,000 lux  
Symbologies: Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes. Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code. Australian Post; China Post; IMB; Japanese Post; KIX Post; Planet Code; Portuguese Post; Postnet; Royal Mail Code (RM4SCC); Swedish Post. EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites.

## REGULATORY

ESD Protection: 20 kV  
EMC: FCC Part15, CE EC-100\_02  
Safety Approval: CDRH Class II: IEC 60825 Class 2; IEC 62471 Class 1 LED  
Environmental: WEEE, RoHS, R.E.A.C.H.

