



DPM BARCODE SCANNER

WST-9330 DPM-BTU Industrial Barcode Scanner

Designed to meet read DPM codes needs

WST-9330 Industrial scanner designed for DPM codes in industrial applications, equipped with smart light source switching function, have powerful decoding capability for DPM codes such as laser engraving and dot marking



Manufacturing



Logistics



Transportation



Warehouse



Package

Application industry

Factory Automation

- Material picking
- Shipping/receiving
- Order processing

Order processing

- Process tracking
- Spare parts tracking

Warehouse/logistics center

- Forklift Picking Application
- Shipment/Receipt
- Package preparation

Product Features

◆ Intelligent light source switching function

The scanner equipped with green light to aim barcode, able to automatically reading according to dark place.

◆ Excellent decoding ability

Global shutter sensor, achieve excellent scanning and depth of field effects, advanced two-dimensional imaging technology, achieve omnidirectional reading, and have excellent motion tolerance.

◆ Base charging compartment design

Base uses Bluetooth wireless technology, 10 meters barrier-free stable transmission. One base with 2 chargers, scanner and spare battery can be charged at the same time.

◆ Excellent reading experience

High motion tolerance, loud beeps provide good reading feedback.

◆ Strong and durable

WST-9330 series has been tested to withstand the harshest environment, industrial grade reaches IP67, can withstand 5000 rolls within 1m and 50 falls from a height of 1.5m to the concrete floor.

◆ Universal Bluetooth standard

Using Bluetooth 4.2, Class 2, low-power Bluetooth can meet various commercial applications and comply with local laws and regulations.

WST-9330 DPM-BTU Wireless Series Specification

Wireless Connections

Communications	Bluetooth 4.2, Class 2+2.4G wireless
Radio Range	Bluetooth:10m (30 feet) 2.4G: 100M(Empty area)

Physical Characteristics

Size	Scanner : 92mm x75mm x 184 mm(L*W*H)
	Base: 221mm x89mm x 71mm(L*W*H)
Weight	Scanner: 300g Base: 220g
Input Voltage	DC 5V \pm 5%
Working Current	210mA
Stand-by Current	100mA
Color	Orange+Black
Interface	USB HID Keyboard/USB VCP/RS232
Indicator	LED Indicator/Buzzer
Battery	2600mAh rechargeable lithium battery

Performance Characteristics

Full Charge Time	Whole machine charging time : 5h Battery compartment charging time : 3h
Lighting Source	White LED
Aiming light	Green dot
Filed of view	Level: 40.9°, Vertical: 31.2°
Sensor Resolution	640 x 480 pixels
Min Print Contrast	Min reflection difference 20%
Scan Angle	Tilt Angle : $\pm 70^\circ$
	Pitch Angle : $\pm 55^\circ$
	Rotate Angle : $\pm 360^\circ$
Reading Accuracy	DP : 1D Linear: ≥ 4 mils 2D: ≥ 5 mils

Working Environment

Temperature	-30°C~60°C/-4°F ~ 122°F (Operating)
	-40°C~70°C/-40°F ~ 158°F(Storage)
Humidity	0-95% (No condensation)
Drop Test	Scanner: Can withstand 50 times drops of falling from 1.5 meters to concrete surface
Tumble Test	Scanner: Can withstand 5000 rolls within 1 meter
Leakproofness Grade	Scanner : IP67 Base : IP51
Barcode Reading Distance Range	DP: Code 39 (3 mil) : 60 mm ~ 160 mm EAN13 (13 mil) : 65 mm ~ 290 mm Data Matrix (20 mil) : 55 mm ~ 180 mm QR (15 mil) : 50 mm ~ 180 mm PDF417 (6.7mil) : 60mm ~ 145 mm

Decoding Ability

1D	UPCA,UPCE,EAN 8,EAN 13,Code 128,Code 39,Code 93,Codabar,Plessey,MSI,Interleaved 2 of 5
2D	Aztec Code, Han Xin, Data Matrix, MaxiCode, QR, Micro QR, rMQR, DotCode, GridMatrix, CodablockA, CodablockF, PDF417, MicroPDF417

Laws and Regulations

Environmental parameters	Compliance with EU RoHS
Electrical Safety	EU Security Law: EN 62368-1: 2014+ EN 62479: 2010 + ETSI EN 301 489-1 V2.1.1 (2017-02) + ETSI EN 301 489-17 V3.1.1 (2017-02) + ETSI EN 300 328 V2.1.1 (2016-11)
	U.S. Security Law: FCC Part15 Subpart C 2018, Section 15.247

Accessories

Standard accessories	Barcode scanner,Base, Data cable, Manual, Power adapter, Power Adapter supply line
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