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WS-100 2D BARCODE SCANNER
THE NEED FOR SPEED

WS-100 handheld scanner is designed for everyday use. It is equipped with advanced scanning and latest sensing technology, featuring powerful performance in scanning all popular 1D and 2D barcodes. Combined with a stand, the "Constant Active Signal" feature (programmable) will be continuously scanning without pressing trigger, allowing hassle-free scanning.

The reading range and resolution covers all typical requirements for retail environment. The ergonomically and rugged designed housing make the handheld scanner ideal for a wide range of business applications to improve productivity and minimizing data entry errors in retail, hospitality, manufacturing and more.

SPECIAL FEATURES

- Powerful image sensor for advanced scanning performance
- Light, ergonomically and rugged designed are ideal for a wide range of business applications
- Support both Trigger and Constant Active Signal mode for various user scenarios
- 2D barcode readable directly from displays (depends on size/width of 2D barcode)

WS-100

Performance		WS-100
Light Source		Aiming green LED + red illumination LED
Symbologies	**1D**	Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code 39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, GS1-DataBarTM(RSS), (RSS-14, RSS-Limited, RSS-Expand)
	2D	PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000, 050, 080, 100, 140)
Scan Method		CMOS area sensor, 752 x 480 pixels
Scan Angle	**Pitch**	-50 to 0°, 0 to +50°
	Tilt	360°
	Skew	-50 to 0°, 0 to +50°
Scan Rate		Up to 60 fps
Interface		USB-HID KBW and USB-COM
Field of view		Horizontal 35° and Vertical 23°
Depth of Field	**EAN-13**	40 - 305 mm / 13 mil
	QR Code	20 - 205 mm / 15 mil
	Data Matrix	40 - 160 mm / 10 mil
Resolution		0.127 mm / 5 mil (min. at PCS 0.9)
PCS Value		0.9 (min.)
Dimensions		70(W) x 85(D) x 175(H) mm / 2.76(W) x 3.35(D) x 6.89(H) inch
Weight (without Stand)		126g (Cable-76g) /0.28lbs (Cable-0.17lbs)
Mechanical/Electrical		
Current(DC 5V)		Max., 160mA to 5V
Environmental		
Operating Temperature		-30 to 60°C / -22 to 140°F
Storage Temperature		-40 to 70°C / -40 to 158°F
Humidity		5 - 90% (non-condensing)
Ambient Light Immunity		Fluorescent 10,000 lux max, Sunlight 100,000 lux max, Incandescent 10,000 lux max
Drop Test		Packed in dummy case 1.8 m / 6 ft drop onto concrete surface
Support Backlight		Yes
Ingress Protection Rating		IP42
Peripherals		
Stand		Yes

*Specification is subject to change without prior notice

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PARTNER TECH USA INC.
15320 Barranca Parkway Suite 150
Irvine, CA 92618
Phone: 949-598-1888
sales@partnertechcorp.com