WPS200

BARCODE SCANNER

The Wasp WPS200 Omni-Directional Barcode Scanner is a high performance scanner ideal for retail Point-of-Sale (POS) and warehouse applications. Utilizing a digital imaging scan engine, the WPS200 is capable of reading both 1D and 2D barcodes with ease. Unique Illumination technology optimizes light levels and provides the ability to read barcodes from mobile phones, tablets, and computer displays. For busy retail environments, the WPS200 can be used in hands-free and handheld mode. Checkout personnel simply wave the barcode label or tag across the face of the scanner. Regardless of barcode label orientation, the WPS200 Omni-Directional scan engine will quickly read the barcode and assist in the rapid check out of your customers.

The WPS200 Omni-Directional Barcode Scanner can also be used as a 'point' scanner to scan invoices or pick lists and is a perfect addition to any warehouse. Its rugged housing can withstand repeated 4 foot drops to concrete, and is sealed against moisture and dust (IP52 particulate and water sealing rating). For noisy environments, the WPS200 provides visual feedback, perfect for confirming a positive scan or for precise targeting of a single barcode from a group of barcodes. The Wasp WPS200 includes a 2-year manufacturer's warranty covering material defects. Manufacturer warranties can be extended and upgraded to cover accidental breakage with the purchase of an optional WaspProtect extended service plan.

WASP WPS200 FEATURES

▶ High-performance, Omni-directional scan pattern for increased productivity for novice and expert users

▶ Digital imaging scan engine reads 1D and 2D barcodes, including QR Code

▶ Ergonomic design can be used in hands-free and handheld mode

▶ Rugged design can withstand repeated 4 foot drops to concrete

▶ IP52 rating protects against liquids and dust

▶ Adjustable tone and volume read indicators

▶ Capable of scanning 1D barcodes up to 7 inches away

▶ Capable of scanning 2D barcodes up to 6 inches away

▶ Hands-free auto-scan feature

▶ Easily installs on a PC via a USB port—no software or power supply required

BENEFITS

▶ Omni-directional scan engine increases read rate and accuracy

▶ Versatile ability to read both 1D and 2D barcodes

▶ Hands-free mode increases POS checkout times and improves personnel productivity

▶ Handheld mode saves time and reduces injuries caused by heavy lifting

▶ No moving parts for improved durability

WASP WPS200 COMMON USES

▶ Retail

▶ Medical and office use

▶ Warehouse management

▶ Shipping & Receiving

▶ Libraries and textbook management

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Productivity Solutions for Small Businesses

▌ SPECIFICATIONS

OPTICAL FEATURES	Light source/sensor: 650 nm visible laser diode
	Depth of field (1D): 0" to 7" @ 13 mil
	Depth of field (2D): 0" to 5" @ 24 mil (Data Matrix)
	Width of field: 1.6" (40 mm) @ face
	Nominal working range: 6.5" (163 mm) @ 8.5" away, 5 mil: (38%) 1 to 2.5 in. (2.5 to 6.4 cm), 7.8 mil: (60%) 0 to 6 in. (0 to 15.2 cm), 10.4 mil: (80%) 0 to 7.5 in. (0 to 19 cm), 13 mil: 8.5 in. (0 to 21.6 cm) (100%)
	Resolution: 5 mil
	Scan rate: 1768 scans/second, 20 interlocking lines
ELECTRICAL CHARACTERISTICS	Supply voltage: 1.4 watts, 5.0 VDC ± 10% Does not include cable
	Normal current: 275mA
MECHANICAL CHARACTERISTICS	Dimension: 5.51" H x 3.49" W x 2.96" D (w/o stand), 6.13" H x 3.93" W x 3.93" D (with stand)
	Weight: 13.6 oz. (385.6 g) including stand
	Cable: USB 6'
ENVIRONMENT CHARACTERISTICS	Operating temperatures: 32º to 104ºF (0º to 40º C)
	Storage temperatures: -40º to 158ºF (-40º to 70ºC)
	Relative humidity: 5% to 95% non-condensing
	Mechanical shock: Withstands repeated 4-ft. (1.2-m) drops to concrete
	Electrical safety: Certified to UL 1950, CSA C22.2 No. 950
	Ambient light immunity: Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting conditions. Fluorescent, incandescent, mercury vapor and sodium vapor: 450 (4,844 lux) Sunlight: 8,000 foot-candles (86,111 lux) foot-candles
	EMC: CISPR B, FCC B, EN60825
1D (LINEAR) SYMBOLOGIES READ	Code 128, UCC/EAN 128, ISBT 128, Code 39, Trioptic Code 39, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Code 93, Code 11, Codabar, MSI, RSS 14, RSS Limited and RSS Expanded, UPC-A, UPC/EAN/JAN
2D SYMBOLOGIES READ	Aztec Code, Data Matrix, MaxiCode, QR Code, PDF417, Micro PDF417