WLS8600

FUZZY LOGIC BARCODE SCANNER

The Wasp WLS8600 industrial barcode scanner features fuzzy logic technology for fast, accurate reading of damaged, dirty, and poorly printed one-dimensional (1D) barcodes typically found in industrial environments. In the yard, warehouse, distribution center, manufacturing plant or retail store, the WLS8600 industrial barcode scanner offers superior performance, reliability, and user-friendly ergonomics to improve productivity. Multiple on-board interfaces ensure flexible plug-and-play host connectivity.

As innovative as it is rugged, the WLS8600 delivers the ergonomic and operational features for scan-intensive industrial applications. The scanner operates in a wide range of temperatures and has a water and particulate sealing rating of IP65. The WLS8600 maintains its reliability even when subjected to repeated drops on concrete. For applications requiring quick access and convenient storage, the WLS8600 features a built-in metal hook for attachment. Two, large LED-enhancing windows and an extra loud beeper are strategically placed on the scanner to ensure the decode feedback is clearly visible and audible to users.

▋ WASP WLS8600 FEATURES

- ▶ High-performance barcode scanner with fuzzy logic decode capability
- ▶ Ergonomic, rugged design withstands multiple 6.5' drops to concrete
- ▶ IP65 sealing rating (electronic enclosure)
- ▶ Dual LEDs on top and back of cap
- ▶ Supports Reduced Space Symbologies® (RSS)
- ▶ Advanced data formatting
- ▶ Universal cable set
- ▶ Multiple onboard interfaces

▋ BENEFITS

- ▶ Premium scanning for all 1D barcodes including poorly printed, damaged, or low-contrast barcodes
- ▶ Reduces user fatigue and ensures less down time due to accidental drops
- ▶ Protects against water and dust to ensure reliable performance in rough conditions
- ▶ Multiple modes of confirmation ensure positive user feedback in noisy environments
- ▶ Compatibility with emerging symbologies helps you leverage hardware investments
- ▶ Ensures flexible connectivity through built-in interfaces (RS-232, Keyboard Wedge, Wand, and USB)

▋ WASP WLS8600 COMMON USES

- ▶ Retail
- ▶ Medical
- ▶ Small grocery stores
- ▶ All office use
- ▶ Light warehouse
- ▶ Purchasing
- ▶ Legal
- ▶ Marketing
- ▶ Government
- ▶ Point of sale

▋ ITEMS INCLUDED

- ▶ WLS8600 Laser Barcode Scanner
- ▶ 6' USB cable
- ▶ Scanner programming guide
- ▶ 2-year warranty (Optional WaspProtect warranty available)
- ▶ Free, unlimited tech support for life of product

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FUZZY LOGIC BARCODE SCANNER

Productivity Solutions for Small Businesses

▌▎ *SPECIFICATIONS*

OPTICAL FEATURES	Light source: 630 - 680 nm VLD
	Resolution: 0.076 mm / 3 mils; Auto Range: 0.190 mm / 7.5 mils
	Print Contrast Ration: 15%
	Depth of field: 5 mils: 2.1 to 13.3 cm / 0.8 to 5.2 in, 7.5 mils: 3.5 to 24.2 cm / 1.4 to 9.5 in, 10 mils: 2.9 to 42.8 cm / 1.1 to 16.8 in, 13 mils: 2.3 to 55.1 cm / 0.9 to 21.7 in, 20 mils: 6.3 to 78.5 cm / 2.5 to 30.9 in, 40 mils: 2.5 to 97.8 cm / 1.0 to 38.5 in
	Scan rate: 35 +/-5 scans/sec
ELECTRICAL CHARACTERISTICS	Operating voltage: 4-30 VDC
	Working current consumption: 420 mA @ 4 V; 310 mA @ 5 V; 62 mA @ 30 V
MECHANICAL CHARACTERISTICS	Dimensions: 8.1" H x 2.7" L x 4.5" W (20.7 cm H x 11.4 cm L x 6.9 cm W)
	Net weight: 10.4 oz (295 g)
	Cable: 6 ft.
ENVIRONMENT CHARACTERISTICS	Operating temperature: -22°F to 122°F (-30°C to 50°C)
	Storage temperature: -22°F to 122°F (-30°C to 50°C)
	Relative humidity: 90% (non-condensing)
	Mechanical shock: Withstands repeated 6.6 ft. (2 m) drops to concrete
SAFETY CERTIFICATION	Complies to EU RoHS
1D SYMBOLOGIES READ	LINEAR: Auto-discriminates all standard 1D codes including GS1 DataBar™ linear codes.
	STACKED: Code 16K; Code 49; GS1 DataBar Expanded Stacked;
	GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional
PART NUMBERS	Wasp WLS8600 Industrial Barcode Scanner: 633808929800
	Wasp WLS8600 Hands-free Scanner stand: 633808929848
	Wasp WLS8600 Replacement scanner cable (USB): 633808929824
	Wasp WLS8600 Replacement scanner cable (PS2): 633808929831
	Wasp WaspProtect Extended service plan, WLS8600: 633808091309
	WaspProtect Extended service plan Renewal, WLS8600: 633808091316