

CS-7900

2D Imager Scanner

High Density Barcode Scanner for DPM and small barcode

The CS-7900 stands out with trendy design, user friendly ergonomics and features with warm white auxiliary lighting and aimer deliver comfortable and excellent scanning performance experience.



- ✓ Extraordinary DPM decoding ability
- ✓ Excellent performance of scanning extremely density barcode
- ✓ Trendy and ergonomic design
- ✓ Plug-and-play interfaces enable the scanner to be used with different host devices



CS-7900

Mechanical & Electrical

Dimensions	87mm (H) x 64.5mm (W) x 167mm (D)
Weight	138g (without cable)
Cable	Straight 2.0 meters
Interface	USB, RS232, USB virtual COM
Operating Mode	Hand-Held, Auto-Detect
Programming Method	Manual (reading configuration barcode)
Indicator	Beeper & LED

Electrical

Input Voltage	5.0 ± 0.25VDC
Current	Standby : 160mA, Operation : 300 mA (Max. 480 mA)

Performance

CPU	32-bit ARM Microprocessor
Scan Pattern	Image
Image Size	1280 x 1024 pixels
Light Source	Illumination : 2700K, white LED ; Aiming: 525 nm peak wavelength, green LED
Scanning Angle	±60°, ±40°, ±360° (skew, pitch, roll)
Field of View	Horizontal XD: 33°, HD: 40°, vertical XD: 28°, HD: 34°,
Print Contrast	20% minimum reflectance difference
Decode Capability	All common 1D / 2D barcodes

Environmental

Operating Temperature	-10°C to 50°C / 14°F to 122°F (operating); -20°C to 70°C / -4°F to 158°F (storage)
Humidity	5% to 95% (non-condensing)
	EMC: EN55032, EN55035
Safety	Photo-biological Safety: EN62471: 2008 illumination: 100,000 lux
	Sealing - IP52 Drop Resistance - Withstand multiple 2.0 m (6.6 ft.) drops to concrete

[Notice] : Specification are subject to change without notice.

Decoding Depth*		
Narrow Width	HD	XD
3 mil Code 39 (3 chars)	15 - 70 mm	5 - 65 mm
5 mil Code 39 (3 chars)	5 - 110 mm	5 - 90 mm
13 mil UPC (6 chars)	5 - 250 mm	10 - 170 mm
20 mil Code 39 (1 chars)	10 - 400 mm	30 - 260 mm
6.7 mil PDF417 (20 chars)	0 - 140 mm	5 - 95 mm
10 mil QR Code (20 chars)	0 - 120 mm	0 - 90 mm
20 mil QR Code (20 chars)	0 - 230 mm	10 - 150 mm

* Performance vary by bar code printing quality and environmental. conditions.