

# CS-6850 SR/HD

## 2D Imager Scanner

### MULTI-PURPOSE FOR EVERYDAY USE

The CS-6850 is standard product that is perfect for use in retail, restaurant, office or logistic plus activities associated with couriers and postal services.

### OUTSTANDING PERFORMANCE

2D bar codes are becoming popular in every industries for a number of reasons. Enterprises that recognise the importance of upgrading to area-imaging scanners are generally unwilling to accept a decline in scan performance. They are also looking for a solution that is capable of reading traditional paper-based bar codes, as well as bar codes found on alternative mediums, such as mobile phone screens. For those who only need the ability to read linear and 2D bar codes, the CS-6850 is the perfect match.



- ✓ Read all common 1D/2D barcodes on printing material or electronic screen.
- ✓ Megapixel image ensures better performance in decoding hard-to-read barcodes
- ✓ Support image auto-induction function
- ✓ Minimum resolution - 3 mil (High Density, HD), 4mil (Standard Range,SR)
- ✓ IP50 ensures high reliability and durability
- ✓ Withstand multiple 2.0 meters drops to concrete
- ✓ Vibration mode is ideal for noisy or quiet circumstances



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## Mechanical & Electrical

Dimensions	175mm (H) x 65mm (W) x 81mm (D)
Weight	178g (without cable)
Cable	Straight 2.0 meters
Interface	USB, RS232, USB Virtual COM
Operating Mode	Hand-Held, Auto-Detection
Programming Method	Manual (reading configuration barcode)
Program Upgrade	Online
Indicator	Beeper, LED, Vibrator
Input Voltage	5 ± 0.25VDC
Current	135 mA (standby); 475 mA (scanning)

## Performance

Image Size	1280 x 800 pixels
Field of View	Horizontal: 42°, vertical: 26.5°
Scanning Angle	±70°, ±75°, ±360° (skew, pitch, roll)
Print Contrast	20% minimum reflectance difference

## Environmental

Operating Temperature	-20°C to 55°C / -4°F to 131°F (operating); -40°C to 75°C / -40°F to 158°F (storage)
Humidity	5% to 95% (non-condensing)
	EMC: EN55022, EN55024   Electrical Safety: EN60950-1
Safety	Photo-biological Safety: EN62471:2008   illumination: 0~100,000 LUX
	Sealing - IP50   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	High Density (HD)	Standard Range (SR)
3 mil Code 39 (3 chars)	10 - 61 mm	/
4 mil Code 128 (9 chars)	5 - 88 mm	55 - 106 mm
13 mil UPC (6 chars)	0 - 179 mm	0 - 335 mm
20 mil Code 39 (1 chars)	10 - 253 mm	8 - 480mm
5 mil QR (40 chars)	7 - 65 mm	/
6.7 mil PDF417 (20 chars)	0 - 105 mm	37 - 145mm
10 mil QR (20 chars)	0 - 134 mm	0 - 168 mm
20 mil QR (20 chars)	0 - 215 mm	0 - 345 mm
* Performance vary by bar code printing quality and environmental conditions.		

For more information : [www.code-soft.com](http://www.code-soft.com)

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