

# CODE SOFT

## LASER SCANNER

CODE CS Series is an auto-trigger, single line laser bar code scanner designed for decoding all standard 1D bar codes. CS Series can easily target the desired bar code and complete the data transmission accurately.

### OVERVIEW

CODE CS Series is an auto-trigger, single line laser bar code scanner designed for decoding all standard 1D bar codes. With the State-of-art scanning technology embedded inside, the CS Series has a longer working range and wider scan field than a typical CCD scanner.

Standard features like Auto-trigger scanning mode which scanner will automatically convert to auto-scanning mode when place on the auto-scanning stand without further programming setting, furthermore it gives you the user-replaceable cable to host and user friendly programming manual.



### APPLICATION

POS Retail Management System  
Manufacturing  
Automotive Industry  
Chemical Industry  
Pharmaceutical Industry  
Textile Industry  
Electronics Industry  
Telecommunication  
Transportation and Logistics  
Health-care Industry  
Utilities Application  
Government Application

### FEATURES

Auto-scanning mode  
User-replaceable, single cable to host  
Firmware updates via Flash ROM  
Easy to program using the programming manual  
Futuristic design, certainly catches your attention  
Fast scanning speed and wider scanning field  
Dust proof  
Drop proof - Multiple 4.0 meters drops to concrete

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## CODE CS Series plus specifications

	CS-800 +	CS-1000 +	CS-800 HD +	CS-1000 HD+
Laser	650nm laser diode			
Scanning Rate	100 scans / sec			
Auto scanning	Non	With stand	Non	With stand
Scanning angle	±60°, ±65°, ±42° (Skew, Pitch, Roll)			
Min. element width	0.127mm (5mil)		0.076mm (3mil)	
Decode capability	UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar(NW7), Code 128, Code 93, Code 11(USD-8), MSI/Plessey, UK/Plessey, UCC/EAN 128, China Post, China Finance, GS1 DataBar (formerly RSS) variants			
Input voltage	5 VDC ± 0.25V			
Power	500 mW (Operating); 950 mW (Max.)			
Current	100 mA (Operating); 190 mA (Max.)			
Standby current	<250uA			
Indicator	Beeper, LED			
Interface supported	Keyboard wedge, RS-232, USB Keyboard, USB virtual COM			
Operating mode	Hand-held, Auto-detection (Optional)			
Dimensions	Height × Width × Depth : 9.5cm × 6.7cm × 15.4cm			
Weight	168g, without cable			
Cable	Straight 2.0m			
Connector type	RJ-45 phone jack connector			
Case material	ABS + PC			
Temperature	0° to 50°C (32° to 120°F), Operating; -40° to 60°C (-40° to 140°F), Storage			
Humidity	5% to 95% (non-condensing)			
Programming method	Manual (reading special barcode)			
Program upgrade	Online			
Decoding depth	5 mil: 40-110mm 10 mil: 10-280mm 13 mil: 15-315mm 16 mil: 25-385mm 35 mil: 145-630mm		3 mil: 5-50mm 10 mil: 10-85mm 13 mil: 10-150mm 16 mil: 25-165mm 35 mil: 145-295mm	
Safety	Laser safety: EN60825-1, Class 1			
	EMC: EN 55022, EN 55024			
	Electrical safety: EN 60950-1			
	Drop resistance: Multiple 4.0m (13.1 ft) drops to concrete			
	Protection class: IP52			

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