

# One Dimensional CCD Barcode Scanner

(M/N:OCBS-C006)

## Features

2500 pixel CCD sensor;

280 scans per second;

No need driver, plug and play;

Ability to scan 3mil density barcodes;

Support reading bar codes from screen;

Support Manual/Auto/Continue scanning mode;

Efficient decoding rate and ultra-low error rate;

Many kinds of one-dimensional bar code can be identified.

Performance Parameters	Processor	32-bit ARM processor	
Electrical Parameters	Image Sensor	2500 pixel CCD sensor	
	Light Source	LED (wavelength 660nm $\pm$ 10nm)	
	Scan Speed	280 scans per second	
	Scan Angle	Skew $\pm$ 55° roll $\pm$ 25° pitch $\pm$ 75°	
	Scanning Distance	(60% Contrast) (25mil)40cm, (15mil)32cm, (10mil)22cm, (5mil)11cm, (3mil)3cm	
	Scanning Width	$\leq$ 110mm	
	Resolution	$\geq$ 0.1mm(4mil)	
	Minimum Contrast	15%	
	Decoding Capability	Code 39, Full ASCII Code 39, Code 32, Code 128, Code 93, Code 11, Codabar/NW7, All UPC/EAN/JAN code (EAN-13, EAN-8, UPC-A, UPC-E, EAN-128), Interleave 2 of 5, STD 2 of 5, Industrial 2 of 5, , WPC code matrix 2 of 5, Chinese Postage Code, IATA, MSI/PLESSY, Italian Pharmacy Code, Industrial 2 of 5, BC-412 . UPC-A, UPC-E, Code 128, Code 93, Coda bar, IATA, MSI/PLESSY, Code 32, STD	
Electrical Parameters	Voltage	4.5 ~ 5.5V DC V1 $\pm$ 5%	
	Current	Operating	100 ~ 110mA
		Standby	30 ~ 40mA
Mechanical Parameters	Dimensions	170mm(L) $\times$ 60mm(W) $\times$ 95mm(H)	
	Weight	185g	
	Case Material	ABS	
	Interfaces	USB	

Environmental Parameters	Operating Temperature	-200 °C ~ 50 °C
	Storage Temperature	-40 °C ~ 70 °C
	Humidity	0% ~ 98%□non-condensing□
	Illumination	0 ~ 70,000 lux
Typical Scanning Distance	5mil UPC	40mm - 160mm
	10mil Code93	20mm - 240mm
	15mil EAN13	40mm - 250mm
	20mil code128	40mm - 380mm
	40mil code128	80mm -520mm





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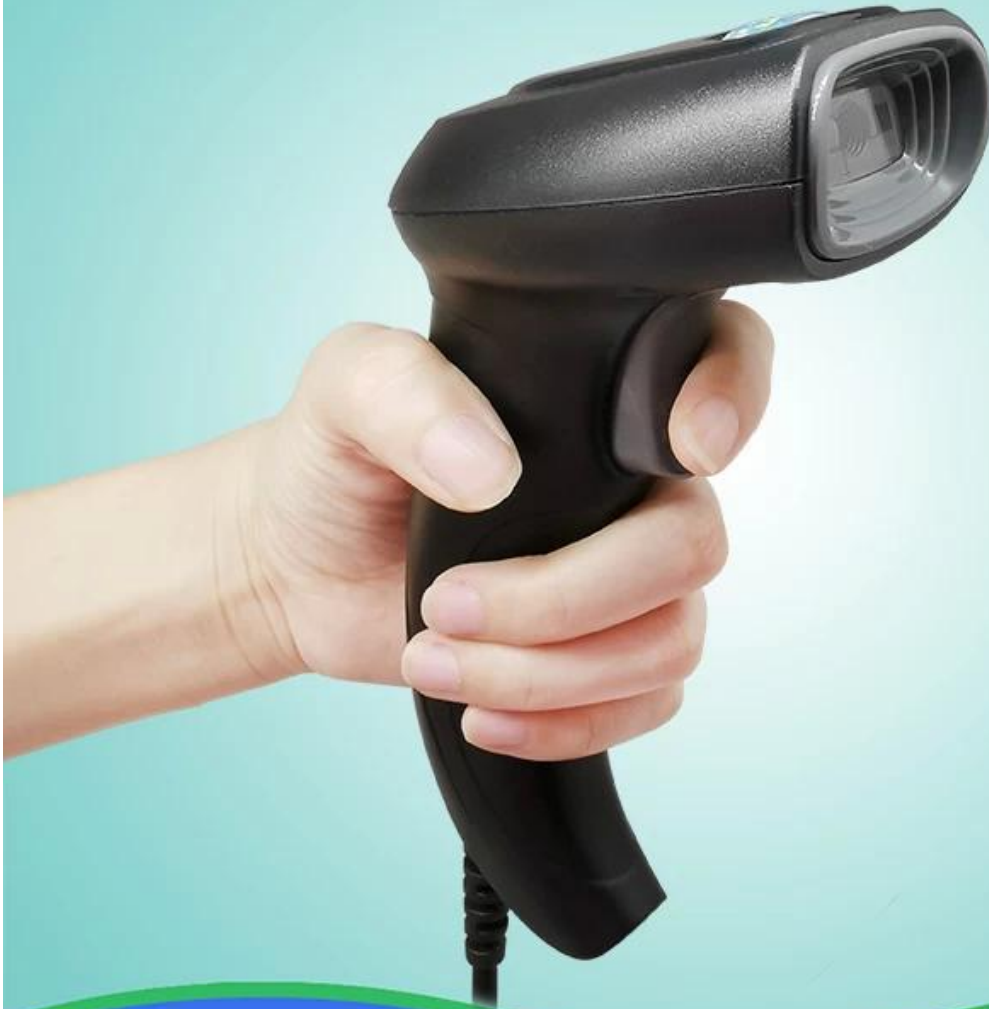


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**Relevant documents:**

[OCBS-C006 SPEC](#)