

OCBS-C006 Cheap 32 bit USB handheld 1D CCD barcode scanner

Feature

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.

Specification

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 $\pm 55^\circ$ roll $\pm 25^\circ$ pitch $\pm 75^\circ$	
	Scanning Distance	(60% Contrast) (25mil)40cm, (15mil)32cm, (10mil)22cm, (5mil)11cm, (3mil)3cm	
	Scanning Width	$\leq 110\text{mm}$	
	Resolution	$\geq 0.1\text{mm}$ (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 $^\circ\text{C}$ ~ 50 $^\circ\text{C}$	
	Storage Temperature	-40 $^\circ\text{C}$ ~ 70 $^\circ\text{C}$	
	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