

1D Fixed CCD BarcodeScanner

(M/N:OCBS-F1200)

Features

- ARM-32bit cortex high speed processor:class-leading swift decoding
- 3.3mil high resolution:easy to read high-density 1D bar-codes
- Read bar-codes on electronic screen: ideal for mobile payment
- Support TTL- RS232/USB/PS2 port
- Scan Rate: 300 scans /second
- Sensor: Linear CCD sensor

Data interface

FPC12pin pitch 0.5 data interface



PIN#	signal	I/O	Description
1	NC	-	Floating
2	VCC	-	power supply
3	GND	-	Power ground
4	RX	Input	TTL-RS232 receive
5	TX	Output	TTL-RS232 send
6	D-/HOST DATA	Input/output	USB_D- signal/PS2_HOST DATA
7	D+/HOST CLK	Input/output	USB_D+ signal/PS2_HOST CLK
8	KB DATA	-	PS2_KB DATA
9	Buzz	Output	Buzzer output signal
10	LED	Output	Indicator light input signal
11	KB CLK	-	PS2_KB CLK
12	KEY	Input	Trigger input signal,Keep low level for more 20ms more than 20ms to touch□□□□□20ms□□□□□□□□ Than 20ms to trigger reading

Wireinterface

1. USB

2. RS232 port



Parameters

Performance parameters

Light Source	632nm LED light
Sensor	Linear CCD Sensor
Processor	ARM32-bit
Resolution	$\geq 4\text{mil}/0.1\text{mm}@PCS90\%$
Depth of field	3-50CM
Scan Rate	300 scans/second
scanning method	Key trigger □ Always bright scan □ Command control scan Pitch: $\pm 60^\circ$
Scan Angle	Roll: $\pm 30^\circ$ Skew: $\pm 60^\circ$
Working Voltage	DC 3.3V-5V
Current	110mA □ working Current □ □ 30mA □ Standby Current □
Print Contrast	$\geq 25\%$
Ambient light resistance	100,000Lux Max

Bar-code type

EAN-8, EAN-13, Codabar, CODE11□CODE 39, CODE 93, CODE128, China Post, GS1-128, GS1 Limited, GS1 Omnidirectional, UPC-A, UPC-E, ISBN/ISSN, ISBT , Interleaved 2 of 5□ Matrix 2 of 5□Industrial 2 of 5 , MSI□Plessey, ITF14.