

Fixed 1D/2D Barcode Scanner Module

(Model No.: OCBS-F2200-C2)

FEATURE:

- High performance imaging technology;
- Omni-directional scanning, easy to scan;
- High compatibility for all major 1D and 2D symbols;
- Can read the barcode on the screen and color barcode;
- 4mil excellent scanning accuracy ;
- Multi interfaces optional;
- **RS232 Level**



SPECIFICATION:

Performance Characteristics

Scan performance	
Sensor	CMOS
Resolution	640*480,256 gray levels
Maximum decoding speed	13mil UPC 40cm/s
Reading angle	horizontally 50 deg; vertically 20 Deg
Precision	≥4mil
Decode capability	1D UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128 (GS1-128), ISBT 128, Code93, Code 11 (USD-8), MSI/Plessey
	2D PDF417, MicroPDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code, GS1 Composite
Depth of field	Code 39(5mil): 50mm~120mm Code 39(10mil): 25mm~250mm UPC/EAN (13mil): 20mm~320mm Data Matrix(7.5mil): 63mm~150mm PDF417(6.6mil): 62mm~145mm
Sensitivity	Inclination ±45° @0°Roll and 0°Skew Rotation ±30° @0°Pitch and 0°Skew Deflection ±45° @0°Roll and 0°Skew
Electrical	
Interface	4 PIN connector RS232 level
PIN1	Vcc 5V
PIN2	RXD
PIN3	TXD
PIN4	GND
Input Voltage	3.3v~5v DC
Standard Power	2.0w (400mA)
Max Power	2.5w (450mA)

DC adapter	Max 5.5V 1A
LED CLASS	Class I
EMC Test	FCC part15,IEC60825-1,EN55022 Class B
User Environment	
Operate Temperature	-20 deg C ~ +60 deg C (-4 Deg F to 144 deg F)
Storage Temperature	-30 deg C ~ +70 Deg C (-22 Deg F to 158 deg F)
Humidity	5% - 95%(non- condensation)
Drop resistance:	1.5m (5.0ft) drops to concrete
Light intensity	Working: sun lights, fluorescent lights

Interface definition :

