

# Fixed 1D/2D Barcode Scanner Module

(Model No.: OCBS-F2200)

## FEATURE:

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

## SPECIFICATION:

### Performance Characteristics

#### Scan performance

<b>Sensor</b>		CMOS
<b>Resolution</b>		640*480, 256 gray levels
<b>Maximum decoding speed</b>		13mil UPC 40cm/s
<b>Reading angle</b>		horizontally 50 deg; vertically 20 Deg
<b>Precision</b>		≥4mil
<b>Decode capability</b>	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 PDF417, MicroPDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code, GS1 Composite
	2D	
<b>Depth of field</b>		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
<b>Sensitivity</b>		Inclination ±45° @0°Roll and 0°Skew Rotation ±30° @0°Pitch and 0°Skew Deflection ±45° @0°Roll and 0°Skew

#### Electrical

<b>Interface</b>	USB, RS232
<b>Input Voltage</b>	3.3v~5v DC
<b>Standard Power</b>	2.0w (400mA)
<b>Max Power</b>	2.5w (450mA)
<b>DC adapter</b>	Max 5.5V 1A
<b>LED CLASS</b>	Class I
<b>EMC Test</b>	FCC part15, IEC60825-1, EN55022 Class B

#### User Environment

<b>Operate Temperature</b>	-20 deg C ~ +60 deg C (-4 Deg F to 144 deg F)
<b>Storage Temperature</b>	-30 deg C ~ +70 Deg C (-22 Deg F to 158 deg F)
<b>Humidity</b>	5% - 95%(non- condensation)
<b>Drop resistance:</b>	1.5m (5.0ft) drops to concrete
<b>Light intensity</b>	Working: sun lights, fluorescent lights



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