



MS846

2D Barcode Scanner

Optical & Performance

Receiving Device	Image Sensor, 640 x 480 pixels
Light Source	illumination: 625 nm LED Aiming: 617 nm LED
Scan Pattern	Single Scan
Max. Resolution	Code39(5mil)/PDF417 (6.8mil)
Skew Angle	±60 degrees
Pitch Angle	±60 degrees
Print Contrast:	5% minimum reflective difference

Reading Distance

Code 39 (5 mil)	40mm-110mm
100%UPCA (13 mil)	5mm-280mm
Code 39 (20 mil)	15mm-330mm
PDF417 (6.8mil)	20mm-130mm
DataMatrix (10mil)	10mm-110mm
QR Code (20mil)	5mm-230mm

Electrical

Operation Voltage	IDC 5V
Current Consumption	Operation mode : < 400 mA

Functionality

Symbologies	UPC/EAN, UPC/EAN with supplementals, Bookland EAN, ISSN, UCC Coupon Extended Code, Code128, GS1-128, ISBT 128, Code 39, Code 39 Full ASCII, Trioptic Code 39, Code 32, Code 93, Code11, Matrix 2 of 5, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI, Chinese 2 of 5, GS1 DataBar variants, Korean 3 of 5, ISBT Concat
2D Code	PDF417, MicroPDF417, Composite Codes, Data Matrix, Maxicode, QR Code, MicroQR, Aztec
Operation Mode	Trigger Mode, Presentation Mode

Environmental

IP rate	IP42
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Relative Humidity	5% to 95% relative humidity, non-condensing
Mechanical Shock	1.5 M

Mechanical

Dimension	180x70x10 mm
Weigh	160g

Regulation Approvals

CE & FCC DOC compliance

Accessories

Stand, USB Cable



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