Product Spec Sheet

AR1350-E480 Specification

HighScanning Performance 1D & 2D Barcodes

Physical

Dimensions	20Hx35Wx35D(mm)
Weight	under 34g(w/ Barcode Engine)
Interface	USB, RS-232(w/ USB 5.0V Power)

Acquisition Performance		
Image Sensor	960*640 CMOS	
Acquisition Speed	120 fps	
FOV	Diagonal 54°, Level 45°, Vertical 36°	
Reading Performance		
Precision	2D≥5mil, 1D≥4mil	
Depth of Field	Test Condition	Depth of Field
	Code 128 10mil 18bytes Paper Code	30~300mm
	Code 128 18bytes Phone Code	30~300mm
	QR 10mil 160bytes Paper Code	40~180mm
	DM 15mil 100bytes Paper Code	50~180mm
	QR 18bytes Phone Code	50~350mm
Scan Angle	Roll 360°, Elevation ± 55°, Deflection ± 55°	
Symbologies	**2D Code:** QR Code, Data Matrix, PDF417, Chinese sensible code etc.	
	1D Code: UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93,Code 11, Interleaved 2 of 5, Industrial 2 of 5,Matrix 25,Standard 25, Code bar, MSI/MSI PLESSEY, GS1 Data Bar ,etc.	
Minimal Print Contrast	20%	

LED	
Illumination	White LED
Positioning	Red LED (625±10nm)

Environmental	
Operating Temperature	-20℃ ~ 70℃
Storage Temperature	-40℃ ~ 80℃
Humidity	5% ~ 95%RH (non-condensing)
Ambient Light	Max.100,000 Lux

Electric	
Input Voltage	3.3V±0.3V
Current@3.3VDC Operating	<230mA
Current@3.3VDC Standby	<10mA

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