

RT232

2D OEM BARCODE SCANNER ENGINE

Outstanding for Reading Long 1D Code or PDF417 Code From ID / Passport.



Although it can read all kinds of 1d and 2d bar code, but the RT232 is outstanding for reading long size 1d bar codes (even if poor quality) and those big PDF417 codes in ID card, driver's license or passport.

Specification

The RT232 support all mainstream 1D and standard 2D barcode symbologies (e.g., PDF417, QR Code M1/M2/Micro and Data Matrix) as well as GS1-DataBar™(RSS) (Limited/Stacked/Expanded versions). It can read barcodes on virtually any medium - paper, plastic card, mobile phones and LCD displays.

Performance	Image Sensor	752×480 CMOS		
	Light Source	Red LED 625±10 nm		
	Symbologies	2D	PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000, 050, 080, 100, 140), Chinese Sensible Code	
		1D	Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code 39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, GS1-DataBar™(RSS), (RSS-14, RSS-Limited, RSS-Expand)	
	Resolution	≥5mil		
	Typical Depth of Field	EAN-13	50mm-445mm (13mil)	
		PDF417	70mm-160mm (6.67mil)	
		Code 39	50mm-215mm (5mil)	
		Data Matrix	60mm-150mm (10mil)	
		QR Code	35mm-210mm (15mil)	
Symbol Contrast	≥25% reflectance difference			
Scan Angle**	Roll: 360°, Pitch: ±55°, Skew: ±55°			
Field of View	Horizontal 36°, Vertical 23°			
Environmental	Operating Temperature	-20°C~+55°C (-4°F~131°F)		
	Storage Temperature	-40°C~+80°C (-40°F~176°F)		
	Humidity	5%~95% (non-condensing)		
	Ambient Light	0~100000lux (natural light)		

