



RT302

OCR-B/ MRZ & PDF417 READER



The RT302 is a hand-held passport and ID cards MRZ reader and bar code reader, it can read OCR-B MRZ (Machine Readable Zone) from ID card, driver's license, passport; or read 1d and 2d big size PDF417 and QR codes from ID card or driver's license.



❖ Read OCR-B/ MRZ From Passport, ID Card

Equipped with Megapixel 1280*800 high-resolution CMOS image sensor, this enables the RT302 with great performance (quick and accurate) to read the long MRZ

❖ Read Big Size PDF417 From ID Card

Thanks to its 1280*800 high resolution sensor, the RT302 is readable those big size and high-density PDF417 code from ID card / driver' license, e.g: IDs of El Salvador, Costa Rica, Colombia, Paraguay, Vietnam, Nicaragua, Panamá, Egypt, South Africa...



Performance	Image Sensor	1280 * 800 CMOS		
	Illumination Aiming	White LED 650nm Laser diode		
	Symbologies	OCR-B/ MRZ	Machine readable passports (MRP) : 2 lines of 44 characters (Readable distance: 15cm-30cm) Machine readable visas (MRV): 2 lines 44 characters, 2 lines 36 characters (Readable distance: 15cm-30cm) Travel documents: 3 lines of 30 characters (Readable distance: 14cm-30cm)	
		2D QR PDF417	PDF417in ID documents (Readable distance: 10cm-20cm), QR Code, Data Matrix, AZTEC, CSC, Maxicode, Micro QR, Micro PDF417, GM, Code One, etc.	
		1D	EAN-13, EAN-8, UPC-A, UPC-E, Code128, Code 39, Codabar, UCC/EAN 128, RSS, ITF, ITF-14, ITF6, Standard25, Matrix 25, COOP 25, Industrial 25, Plessey, MSI Plessey, Code 11, Code 93, Code 49, Code 16K, etc.	
	Resolution	≥3mil (differ from different type bar codes)		
	Typical Depth of Field	EAN-13	70-499mm (13mil)	
		Code 39	90-264mm (5mil)	
		PDF417	70-225mm (6.7mil)	
		Data Matrix	65-214mm (10mil)	
		QR Code	40-294mm (15mil)	
	Scan Mode	Sense mode, Trigger mode		
	Scan Angle	Roll: 360°, Pitch: ±61°, Skew: ±61°		
Field of View	Horizontal 43°, Vertical 29°			
Min. Symbol Contrast	25%			
Mechanical/ Electric	Interface	RS-232, USB		
	Dimensions	180mm×80mm×90mm		
	Weight	194g		
	Notification	Beep, LED indicator		
	Operating Power	5VDC±5%, 280mA		
Environmental	Operating Temperature	-20°C to 60°C (-4°F to 140°F)		
	Storage Temperature	-40°C to 70°C (-40°F to 158°F)		
	Humidity	5% to 95% (non-condensing)		
Environmental	Cable	USB	USB virtual Com, not support USB-HID	
		RS-232	Standard DB9 RS232 interface	
	Power Adapter	DC5V adapter to power the RT302 for RS-232 interface.		

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