



# IDE302

## OCR-B/ MRZ & PDF417 READER



The IDE302 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 IDE302 with great performance (quick and accurate) to read the long MRZ ( machine readable zone) in passport and 3 lines MRZ in ID card, driver's license.

### ❖ Read Big Size PDF417 From ID Card

Thanks to its 1280\*800 high resolution sensor, the IDE302 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	White LED	
	Aiming	650nm Laser diode	
	Symbolologies	OCR-B/ MRZ	Machine readable passports (MRP) : 2 lines of 44 characters (Readable distance: 15cm-30cm) Travel documents: 3 lines of 30 characters (Readable distance: 14cm-30cm)  <b>The best read distance is around 20cm.</b>
		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, <b>it must reach 900mA to active the scanner, so please make sure y our system provide 900mA above current.</b>	
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)	
Accessories	Cable	USB	USB virtual Com, not support USB-HID
		RS-232	Standard DB9 RS232 interface
	Power Adapter	DC5V adapter to power the IDE302 for RS-232 interface.	



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