



OCR-B/ MRZ & Barcode Scanner



















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

Equipped with Megapixel 1280*800 high-resolution CMOS image sensor, this enables the IDE237 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.

| Automatic Reading

The sensor in the IDE237 automatically detects and reads the bar code when we present the ID documents or paper in front of it.

Read Two Bar Codes By One Scan

Readable double bar codes one time, for example: read the two big and high density QR code in Mexico's new ID document.

Read From Paper And Phone Screen

The IDE237 reads well MRZ or barcode from both paper and cell phone screens.

Read Big Size PDF417 From ID Card

Thanks to its 1280*800 high resolution sensor, the IDE237 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...

| Excellent Bar Code Reading Performance

Great performance to read all types of common 1d /2d bar code, whatever read from paper or from phone screen.

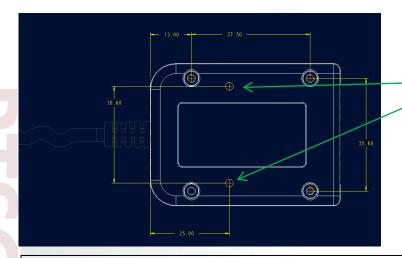
User-friendly Illumination And Aiming

The IDE237 provides a laser-generated crosshair aiming pattern that is clear and bright even in bright sunlight, ensuring accurate aim;
Use flicker-free white soft illumination to reduce eye

Use flicker-free white soft illumination to reduce eye strain and fatigue from long-time operation.



Performance	Image Sensor	1280 * 800 CMOS	
	Illumination	White LED	
	Aiming	650nm Laser diode	
	Symbologies	OCR-B/	Machine readable passports (MRP): 2 lines of 44 characters (Readable distance: 15cm-30cm) ID documents: 3 lines of 30 characters
		MRZ	(Readable distance: 14cm-30cm)
			Best read distance is around 20cm.
		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.
		2D	PDF417in ID documents (Readable distance: 10cm-20cm), QR Code, Data Matrix, CSC, Maxicode, Micro QR, Micro PDF417, GM, 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, Continuous 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	60(W)×45(D)×22.5(H)mm	
	Weight	98g	
	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)	
Accessories	Cable	USB	USB virtual Com, not support USB-HID
		RS-232	Standard DB9 RS232 interface
	Power Adapter	DC5V adapter to power the RT237 for RS-232 interface.	



Mounting Screw Holes

This scanner is designed for embedded use, you can fix it easily into your device with these two screw holes.

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