

QU302

Handheld 2D Barcode Reader

The RT302 is a handheld 2D barcode scanner, It's outstanding at its robust design, excellent bar code reading performance to read 1d and 2D QR codes, even damaged code, glare code, curved code, low contrast code, whatever read from paper or from phone screen.

It is suitable for all kinds of application: warehouse, logistics, postal, ticketing, [manufacturin](#),etc.



▶ Read Poor Quality Bar Codes

Applied with newest technology, this barcode scanner can easily read even poor quality bar codes: damaged bar codes, low contrast bar codes, torn bar codes, warped or wrinkled bar codes.

▶ Drop Tolerance

Robust design, designed to withstand multiple drops at 1.5 m to concrete

▶ Excellent Bar Code Reading Performance

Great performance to read most types of common 1d /2d and QR bar codes, whatever read from paper or from phone screen.

And it's also outstanding at reading on-screen bar codes *even when the screen is covered by protective film or with lower brightness.*



Specification:

Performance	Image Sensor	640 * 480 CMOS		
	Illumination	White LED		
	Aiming	Red LED 625nm		
	Symbologies	2D	PDF417 , QR Code, Data Matrix, Micro QR	
		1D	EAN-13, EAN-8, UPC-A, UPC-E, Code128, Code 39, Codabar, UCC/EAN 128, RSS, ITF-14, ITF6, Standard 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Plessey, MSI Plessey, Code 11, Code 93, etc.	
	Resolution	≥3mil (differ from different type bar codes)		
	Typical Depth of Field	EAN-13	60-350mm (13mil)	
		Code 39	40-150mm (5mil)	
		PDF417	50-125mm (6.7mil)	
		Data Matrix	45-120mm (10mil)	
		QR Code	30-170mm (15mil)	
	Scan Mode	Sense mode, trigger mode		
	Scan Angle	Roll: 360°, Pitch: ±60°, Skew:±60°		
	Field of View	Horizontal 42°, Vertical 31.6°		
Min. Symbol Contrast	25%			
Mechanical/ Electric	Interface	USB-HID, USB-VCOM or RS232		
	Dimensions	180mm x 80mm x 90mm		
	Weight	247g(include USB cable), 170g(not include cable)		
	Notification	Beep, LED indicator		
	Operating Voltage	5.0VDC + 5%		
	Current @ 5.0 VDC	Operating: 150mA (typical), 300mA (max.); Idle: 40mA		
	Indicator	LED, vibrator, beeper		
Environmental	Operating Temperature	-20°C to 55°C		
	Storage Temperature	-40°C to 70°C		
	Humidity	5% to 95% (non-condensing)		
Accessories (optional)	Stand	Used for holding the scanner, work in hands-free and sensor mode.		