



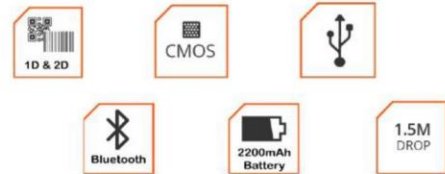
# RT-3890B

Optimum Range  
2D Bluetooth Wireless barcode  
scanner with base

Optimum scanning - style + high performance

## Features & Benefits

- 32-bit high performance CPU.
- Pixel resolution 640 x 480 30 FPS.
- Support 1D/2D barcode on paper and screen.
- Manual, Auto-sensing, continuous mode.
- Instant upload, inventory (offline mode).
- Bluetooth (HID, SPP), 2.4GHz RF communication.
- With charging base.
- Transmission distance - Bluetooth 50m, RF 100m.
- 2200mAh battery, 2MB memory.



## Applications

- EPOS retail
- Warehouse
- Production line
- Healthcare
- Pharmacy

## Communication





# RT-3890B

## 2D Bluetooth Wireless barcode scanner with base

### Technical Specification

Image Sensor	CMOS 30fps
Resolution	300 thousand 640*480 pixels
Decoding capacity	Support paper and screen barcodes <b>2D:</b> QR, PDF417, Data Matrix, Aztec, Maxi code etc. <b>1D:</b> UPC-A, UPC-E, EAN-1, EAN-13, Code 128, Code 39, Code 93, Code 11, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Standard 2 of 5, Coda bar, MSI Plessey, GS1 etc. all normal 1D
Precision	4mil
Light Source	617nm Visible red LED, white LED
Scan Angle	Rotation360°, tilt ± 60°, Skew ± 60°
Min Contrast	25%
Scanning Speed	500 times/sec
Typical DOF	60-100mm (4mil Code 39)      50-250mm (13mil EAN13) 40-300mm (20mil QR)      40-280 (10mil PDF417) performance may be impacted by bar code quality and environmental conditions
Interface	USB/USB COM, Bluetooth 2.4GHz, RF, Wireless
Bluetooth Mode	HID SPP
Working Voltage	DC 5V
Current	200mA (working)    10mA (standby)
Battery	2200mAh lithium battery working 3-7 days, charge time 4-5h
Memory Size	2MB 7680 (characters/barcode ≤128)
Dimensions	170*65-100mm (scanner)      120*95-65 (charging base)
Weight	70g (without cable)
Cable Length	1.5m
Indication	Buzzer & LED
Working Temp	-20-60°C
Storage Temp	-40-85°C
Humidity	5%-95% (non-condensing)
Light Humidity	0~100,000Lux
Drop Test	1.5m