

# iCON R210 RING TYPE BARCODE SCANNER

High-performance MCU, easily identify mainstream one-dimensional and two-dimensional bar codes;

Bluetooth 4.2 wireless technology, the outdoor transmission distance can reach 30 meters;

Multiple working modes (storage mode + scan and transfer synchronization mode);

Support online upgrade, custom development and secondary development.

## Technical specs



Performance	Dimension	L51.5mm * W35mm * H45mm
	Weight	35g
	Voltage	5V
	Working current	120mA
	Sensor pixel light source	640 pixels (H)x480 pixels (V) (Aimer) Red color LED; (Illumination) White color LED
Physical characteristics	Field of view	28° (Horizontal), 20° (Vertical)
	Rotate tilt deflection	360° (Roll), ±65° (Skew), ±65° (Pitch)
	Print contrast	20 minimum reflective difference
	Interfaces	USB
	Motion tolerance	>0.4m/s
Decoding ability	1D bar codes	Codabar, Code39, Interleaved2of5, NEC2of5, Code93, Code128, Codabar, Code 39, Code 32 Pharmaceutical (PARAF), Interleaved 2 of 5, NEC 2 of 5, Code 93, Straight 2 of 5 Industrial, Straight 2 of 5 IATA
	2D bar codes	PDF417, Micro PDF417, GS1 Composite QR Code, Data Matrix, MaxiCode, Aztec, HANXIN.
	Symbology is turned on by default	GS1-128, UPC-A, UPC-E0, EAN/JAN-13, EAN/JAN-8, GS1-DataBar, PDF417, QR, DM, Aztec
User environment parameters	Operating temperature	-20° C to 60° C
	storage temperature	-30° C to 70° C
	Humidity shock resistance	5 to 95 relative humidity, non-condensing Designed to withstand 1.2m(5') drops
Decoding range	Ambient light immunity 5 mil (code39)	0-100,000 Lux. 40mm-120mm
	13 mil (code39)	50mm-400mm
	QR (20mil)	30mm-370mm
Wireless parameters	Bluetooth mode	HID, SPP, BLE, virtual Bluetooth
	battery capacity	380Ma
	Charging time	1.5H
	usage time	Greater than 6H (synchronous mode, scan once every second)
	Standby time	4 weeks

