

BC-603R

(Two-dimensional image barcode scanner)



Technical parameters	
Wireless specifications	
Communications	433
Communication frequency	433 to 440MHz
Transmission range	≤50M (In empty area 50M)
Data rate	10kbps
Memory	100, 000@13Byte barcode
Battery capacity	2000mAh (Lithium battery)
Charging time	5H
The life time of the full charge	6h (continuous reading situation) 12h (Manual reading situation) More than 15 days (Stand-by time)
Communication mode	Read-time mode/Inventory mode / Cache mode
Electrical Characteristics	
Interface	USB HID KEYBOARD/USB VCP
Voltage requirement	5VDC ± 5%
Current consumption	Max: 180mA
Optical Characteristics	
Photo sensor	CMOS array sensor
SENSOR RESOLUTION	640 × 480 pixels

light source	5600K white LED
Aim light source	Red Bar LED
Performance Characteristics	
Decode angle	Pitch angle: $\pm 55^{\circ}$ Skew angle: $\pm 55^{\circ}$ Tilt angle: $\pm 180^{\circ}$
Min resolution	1D:5mil 2D:10mil
Min.PCS value	$\geq 15\%$ UPC/EAN 13 (13mil)
Field of View	40° (H) $\times$ 30° (V)
Identification	1D: UPC-A,UPC-E,EAN-8,EAN-13,Code 39,Code 128,Interleaved 2 of 5. Codabar,Code93 2D: PDF417,MicroPDF417,Data Matrix,QR Code, Aztec, Micro QR
Physical Characteristics	
Dimensions	Scanner: 95mm $\times$ 70mm $\times$ 168mm (L $\times$ W $\times$ H) Receiver: 145mm $\times$ 112mm $\times$ 74mm(L*W*H)
Weight	Scanner: 186g Scanner: 186g Receiver: 185g received: 185g
Environmental Characteristics	
Temp	-20° to 60° C / -4° to 140° F((operation)) -40° -to 80° C / -40° to 176° F(storage)
Humidity	5 – 95% (operation)) 5 – 95% (storage)
Shock drop test	1.5m drop onto concrete surface
Ambient Light:	fluorescent light 4000 lx max , direct sun light 80,000 lx max ,white light 4000 lx max