



DCG-SIW8A 2D wireless Scanner

Technical parameters	
Wireless specifications	
Communication	433
Communication frequency	433 to 440MHz
Transmission range	100M (In empty area 80m-100m) -real time mode No limitation --Cache mode
Data rate	10kbps
Memory	100,000@13Byte barcode
Battery capacity	2000mAh (Lithium battery)
Charging time	6H
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±10%
Current consumption	Max:120mA
Optical Characteristics	
Photo sensor	CMOS array sensor
SENSOR RESOLUTION	648×488 pixels
Light source	5600K white LED
Aim light source	Red Bar led

Performance Characteristics	
Decode angle	Pitch angle:±55° Skew angle:±55° Tilt angle:±180°
Min resolution	1D:5mil 2D:9mil
Min.PCS value	〉 30%UPC/EAN 13 (13mil)
Field of View	40°(H),30°(V)
Identification	1D: UPC-A,UPC-E,EAN-8,EAN-13,Code 39,Code 128,Interleaved 2 of 5, Codabar, Code 93 2D: PDF417,MicroPDF417,Data Matrix,QR Code,Aztec
Physical Characteristics	
Dimension	Scanner: 70mm*95mm*168mm(L*W*H)
Environmental Characteristics	
Temp	0°to 50°C / 32°to 122°F((operation)) -40°- 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:	0-86,000LUX
Regulatory	
Electrical Safety	UL 60950,EN/IEC 60950
EMI/RFI	FCC Part 15 Class B,EN 55024/CISPR 22
Environmental	RoHS

Depth of field

Symbology	Min depth of filed	Max depth of filed
5mil code39	30mm	80mm
UPCA 13mil:	50mm	210mm