

WNC-5060g

(1D CCD Wire Handheld barcode Scanner)

Technical parameters

Electrical Characteristics

Interface	TTL-232/USB
Interface connector	0.5-12P FPC
Voltage requirement	DC 3.3/5V±10%
Current consumption	Max:120mA

Optical Characteristics

Photo sensor	CCD linear sensor
Sensor Resolution	2500pix
light source	632nm red led

Performance Characteristics

Scan Rate:	350±50 (scans/second)
Decode angle	Pitch angle:±30° Skew angle:±70° Tilt angle:±45°
Min resolution	0.127mm/5mil (PCS 0.9)
Min.PCS value	> 20%UPC/EAN 13 (13mil)
curvature	R≥15 mm (EAN8), R≥20 mm (EAN13) (resolution=0.26mm, PCS=0.9)
Identification	EAN13, EAN8, UPC A, UPC E, CODABAR (NW-7), CODE 39, CODE 93, INTERLEAVED 2OF5, STANDARD 2OF5, MATRIX 2OF5, CODE 128, EAN/UCC 128, CODE 11, CHINESE POST

Regulatory	
Electrical Safety	UL 60950, EN/IEC 60950
EMI/RFI	FCC Part 15 Class B,EN 55024/CISPR 22
Environmental	RoHS
Physical Characteristics	
Configurations	Decode
Environmental Characteristics	
Temp	-10°-65°C / 32° <u>To</u> 149°F((operation)) -30°- 70°C /-22° <u>To</u> 158°F(storage)
Humidity	5 - 90% (operation)) 5 - 90% (storage)
Ambient Light:	fluorescent light 4000 lx max , direct sun light 80,000 lx max ,white light 4000 lx max
Shock drop test	1.2m drop onto concrete surface

Depth of field

Symbology	Resolution (mm)	Depth of field (mm)
Code 39	6mil	3.5-12.5cm
Code 39	13mil	6.8-28cm
Code 39	34mil	20-32cm
EAN 13	13mil	4.5-24.5cm