

WNI-6213BV

(Two-dimensional image barcode scanner)



Technical Parameters

Wireless Specifications

Communication mode	Read-time mode/Inventory mode/Cache mode
Communications	433 to 440MHz
Transmission range	≤100M (In empty area 100M)
Battery capacity	1500mAh (Lithium battery)
Charging time	7H
Continuous scans	25,000 times (wireless mode, real-time mode communication mode: reading 60 times/minute)

Electrical Characteristics

Interface	RS-232/USB HID KEYBOARD/USB VCP
Voltage requirement	5VDC±5%
Current consumption	Max: 180mA

Optical Characteristics

Photo sensor	CMOS array sensor
Sensor Resolution	648×480 pixels
Light source	White LED*1
Aim light source	Red Bar LED

Performance Characteristics

Decode angle	Pitch angle: ±65° Skew angle: ±60° Tilt angle: ±180°
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Field of View	40° (H) x 29° (V)
Min resolution	1D:0.127mm/5mil(pcs0.9) 2D:0.229mm/9mil(pcs0.9)
Min. PCS value	>25%UPC/EAN 13 (13mil)
Language	Multiple languages
Identification	1D : UPC/EAN, Code 128, Code 39, Code 93, Interleaved 2 of 5, Codabar, 2D : QR , Mirco QR, PDF417 , MircoPDF417, Data Matrix, Aztec

Physical Characteristics

Dimensions	Scanner: 90mm×67 mm×168 mm (L*W*H)
Weight	Scanner: 160g
Indicator	Beeper, LED

Environmental Characteristics

Temp	-20° - 65° C (operation) , -30° - 70° C (storage)
Humidity	5 - 90%(operation) ; 5 - 90% (storage)
Ambient Light	80,000 lx max
Shock drop test	1.5m drop onto concrete surface

Depth of field

Symbology	Resoluti on	Barcode number	Barcode width	Nearest	Farthest
Code 128	3.34mil	15	1.8x1.5cm	6cm	10cm
Code 128	5mil	20	4.3x1.5cm	5.5cm	14cm
Code 128	15mil	7	4.3x1.5cm	4cm	40cm
Code 39	6.67mil	16	4.4x1.5cm	5cm	16cm
Code 39	20mil	4	4.3x1.5cm	4.5cm	41cm
EAN-13	13..34mi l	13	4.2x1.5cm	3.5cm	30cm
QR code	20mil	120	2x2cm	4.5cm	21cm
Data Matrix	6.67mil	60	0.5x0.5cm	7cm	11cm
PDF417	13.34mil	23	3.5x31.5cm	4cm	31cm
Screen QR code		18	2.1x2.1cm	4cm	41cm
Screen QR code		18	3.7x3.7cm	6cm	72cm