

WNI-7214PC



Version: V1.0

2D Barcode Image Scanner

Technical Specifications

Wireless specifications

Communication mode	Wireless Read-time mode/Inventory mode / Cache mode
Communication frequency	2.400GHz - 2.483GHz ISM band&Bluetooth 4.2
Transmission range	C-RF2.4G: 50~80m (In empty area) Bluetooth 4.2 : 15m (In empty area)
Battery capacity	2600mAh (Lithium battery)
Charge Time from Empty to Full Charge	6H
Continuous working hours	11H
Memory	The flash is 16M and stores 2 million characters

Electrical Characteristics

Interface Supported	RS232/USB HID KEYBOARD/USB VCP
Input Voltage	DC 5V±5%

Current	Max:180mA
Optical Characteristics	
Image Sensor	CMOS Array Sensor
Sensor Resolution	640 X 480 Pixels
Light Source	Warm yellow light
Aiming light source	RED DOT LED
Decoding speed	60FPS
Performance Characteristics	
Scanning Angle	Pitch angle:±60°;Skew angle:±60°;Tilt angle:±360°
Field of View	40H, 29V
Min Resolution	4mil
Min .PCS value	≥30% UPC/EAN 13 (13mil)
Language	Multiple Languages
Data Edition	Support for custom data output
Decode Capability	1D : UPC-A , UPC-E, EAN-8, EAN-13,EAN-14, EAN-128,GS1-128, UCC128, ISBN/ISSN,CODE 11, CODE 32, CODE 39, CODE 39 Full ASCII, CODE93, CODE 128,UK/Plessey, Interleaved 2 of 5,Pharmacode,Codabar 2D : QR code, PDF417,Data matrix,Maxi code,Aztec
Physical Characteristics	
Dimensions	scanner :180x98x70mm(L*W*H) cradle:130x90x89mm(L*W*H)
Weight	scanner :200g cradle:160g
Indicator	Beeper, LED
Environmental Characteristics	
Temperature	-20°~50°C (operation) -40°~70°C (storage)
Humidity	Relative humidity: 5% to 95% (no condensation)
Shock Drop Test	1.5m drop onto concrete surface

Decoding Depth of Field

Symbology	Resolution	Nearest	Farthest
Code 39	5mil	30mm	90mm
Code 39	20mil	30mm	340mm
PDF 417	6.8mil	40mm	140mm
QR Code	20mil	60mm	240mm
Data Matrix	10mil	50mm	120mm
UPC-A	5mil	40mm	240mm