

WNI-7214plus



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	300mA±5%
Optical Characteristics	
Image Sensor	CMOS Array Sensor
Sensor Resolution	1280X1080 Pixels
Light Source	White LED
Aiming light source	Red laser cross
Decoding speed	60FPS
Performance Characteristics	
Scanning Angle	Pitch angle:±65°;Skew angle:±60°;Tilt angle:±180°
Field of View	42°(H),40°(V)
Min Resolution	1D : ≥3mil ; 2D : ≥7 mil
Min .PCS value	≥20% (UPC/EAN 100% , PCS 90%)
Language	Multiple Languages
Data Edition	Support for custom data output
Decode Capability	1D: UPC A , UPC E , EAN 8 , EAN 13 , CODE 128 , CODE 39 , CODE 93 , CODE 32 , CODE11 , CODABAR ,PLESSEY , MSI , INTERLEAVED 2 OF 5 , IATA 2 OF 5 , MATRIX 2 OF5 , STRAIGHT 2 OF 5 , PHARMACODE , RSS-14 , RSS-14 EXPANDED , RSS-14 LIMITED , COMPOSITE CODE-A , COMPOSITE CODE-B , COMPOSITE CODE-C 2D: PDF 417 , MICRO PDF 417 , DATA MATRIX , QR , MICRO QR , AZTEC , MAXICODE
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
EAN-13	13mil	30mm	480mm
Code39	4mil	40mm	200mm
Code39	3mil	50mm	125mm
Data Matrix	7mil	30mm	100mm