

ZED 2952

2D Wireless Barcode Scanner



20h

Continuous battery life on a single charge (one scan every 5 seconds)



100m

Open-space wireless range in 2.4GHz or Bluetooth mode

The Nexa ZED 2952 frees your checkout or picking process from the cord. Its compact, ergonomic handheld design pairs with a multi-function charging cradle — drop it in to charge, or keep scanning straight from the stand without ever losing power.

A high-precision imaging engine reads barcodes down to 3 mil, including damaged or low-quality codes, so reads are fast and first-time even on worn labels.

A 2600 mAh battery delivers up to 20 hours of continuous use, while dual-mode wireless connectivity (2.4GHz or Bluetooth) keeps the scanner in range up to 100 metres from the cradle in open space.

Built for retail, supermarket, hospitality and logistics environments, the ZED 2952 keeps your team moving wherever the work takes them.



2600 mAh

Battery capacity for a full shift of continuous scanning



Specifications

Performance	
CPU	32-bit ARM
Light Source	White LED (lighting), red LED (aiming)
Scan Mode	Manual & automatic
Image Sensor	CMOS
Resolution	640 × 480 pixels
Scan Speed	60 FPS
Scan Precision	≥ 3 mil
Depth of Field	60–300 mm (13 mil Code 39)
Print Contrast	≥ 15%
Interface	USB-HID, USB-VCP
Indicator	LED indicator light, buzzer
Physical	
Scanner Size	177 × 85 × 68 mm
Cradle Size	145 × 68 × 169 mm
Scanner Weight	210 g
Cradle Weight	277 g
Continuous Battery Life	≥ 20 h (one scan every 5 sec)
Battery Capacity	2600 mAh
Communication Distance	2.4GHz mode: 100 m Bluetooth mode: 100 m (open space)
Electrical	
Input Voltage	DC 5V ±10%
Working Current	Scanner: 550 mA @DC3.7V Cradle: 550 mA
Standby Current	Scanner: 147 mA @DC3.7V Cradle: 10 mA
Environmental	
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 60°C
Humidity	5%–95% (non-condensing)
IP Rating	IP42
Ambient Light Resistance	0–100,000 lux (sunlight)
Decoding Capability	
1D Symbolologies	Codabar, Code 11, Code 39, Code 32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code 93, Code 128, GS1-128, UPC-A, UPC-E, EAN-8, EAN-13, ISBN, ISSN, GS1 DataBar (RSS-14), GS1 DataBar Limited, GS1 DataBar Expanded, MSI, Standard 2 of 5, Plessey
2D Symbolologies	PDF417, Micro PDF417, QR Code, Data Matrix, Aztec Code, Hanxin Code, MaxiCode

