

HS3255 Wireless Barcode Scanner



➤ **Wireless distance**

- ◆ Long distance wireless communication technology is adopted to realize mobile scanning within 100m (open area)

➤ **Wireless charging technology**

- ◆ Contactless electromagnetic induction charging

➤ **Unique decoding technology**

- ◆ The international top decoding algorithm is adopted to quickly and accurately interpret various one-dimensional and two-dimensional barcodes

➤ **Scanning technology of high performance**

- ◆ Support in scanning various kinds of barcodes with high density, damage and deformation

Applications

- ◆ Household appliance manufacturing
- ◆ Electronics manufacturing
- ◆ Automobile manufacturing
- ◆ Transportation
- ◆ Food and drug traceability

Physical specifications

Dimension	245.90mm x 99.55mmx 136.15mm
Weight	Scanner 295g / Cradle 410g

Power voltage	5V±5% VDC
Starting current	132mA
Standby current	84mA
Working current	316mA

Performances

Sensor pixel	1024 (H) x 1280 (V)
Light source	red LED
Wireless signal	2.4-2.5 GHz bandwidth range
Viewing angle	44° (horizontal) , 34° (vertical)
Roll /Pitch /Yaw	360° 65° 65°
Print contrast	20% - minimum reflection difference
Interface support	USB (keyboard emulation) / RS232
Lithium cell capacity	3.7V/2500mAh
Endurance	6.5h (every 2s / 12000 times decoding on average)
Charging period	6.5h
Communication distance	100m (open space), support storage
Storage capacity	100,000 pieces (13 bit / piece)

Decoding ability

One-dimensional barcode	Codabar, Code 11, Code 39, Code 93, Code 128/EAN128, EAN.UCC Composite, Interleaved 2 of 5, MSI Code, Planet, Plessey Code, Postnet, RSS, Standard 2 of 5, Telepen, UPC/EAN, etc.
Two-dimensional barcode	PDF417, QR code, Matrix 2 of 5, MicroPDF417, Australian Post, Canada Post, Japan Post, MaxiCode, Codablock, Aztec, Dutch Post, TLC 39, DataMatrix, etc.
Precision Support	≥3mil

User environment parameters

Operating temperature	0°C~45°C
Storage temperature	-10°C~50°C
Humidity	5%~85% (relative humidity, non-condensing)
IP Grade	IP67
Drop Resistance	withstand a drop of 1.2m
Ambient light immunity	0-100,000 Lux
ESD protection	±8KV indirect coupling surface, ±15KV direct air discharge

Decoding range

Code39 (5mil)	30mm-230mm
Code39 (13mil)	30mm-450mm
DM (15mil)	20mm-220mm
QR (20mil)	0mm-380mm
PDF417 (15mil)	0mm-220mm

Performances may be affected by barcode quality and environmental conditions.