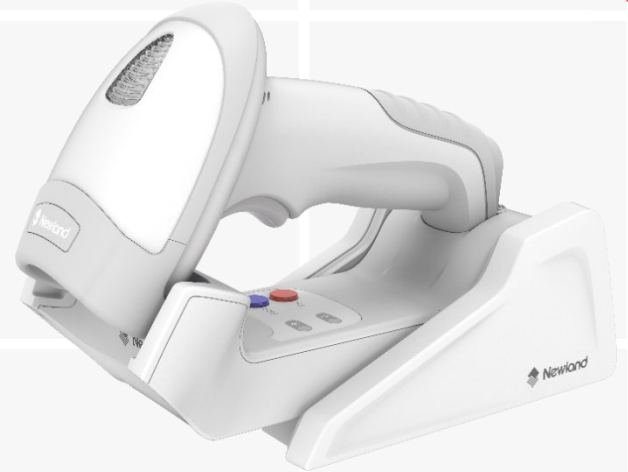




Newland AIDC
Scanning Made Simple



NLS-HR3280-BT-HC

WIRELESS 2D BARCODE SCANNER

FEATURES

- **Outstanding Performance**
Equipped with an outstanding CPU, this CPU-based scanner can effortlessly capture high-density, high-volume and distorted barcodes printed on paper or displayed on screen.
- **Disinfectant-ready Enclosure**
The NLS-HR3280-BT-HC in a housing created with nSHIELD™* Antimicrobial agent, features a disinfectant-ready enclosure purpose-built to resist the harmful effects of harsh cleaning agents commonly used in healthcare environments and minimize the spread of infectious diseases.
- **Low Consumption and Great Compatibility**
The low consumption of NLS-HR3280-BT-HC reduces connection issues and maximizes the compatibility for diverse applications.
- **Humanized Illumination Designation**
The NLS-HR3280-BT-HC can be set white and red led according to different workplaces. Not only relieving the visual fatigue but also improving working efficiency.
- **Powerful Data Editing Function**
The NLS-HR3280-BT-HC allows to customize decoding mode flexibly through preset.
- **Reliable and Stable Wireless Communication**
Adopting the latest Bluetooth which is strong anti-interference and stable to transmit the data.



CMOS



1D Barcode



2D Barcode



USB



RS232



Drop



IP 42



2200mAh



Bluetooth

NLS-HR3280-BT-HC

Performance

Image Sensor		1280×800 (megapixel) CMOS
Illumination		White LED & Red LED (622nm-628nm)
Aiming		Green LED (515nm-535nm)
Symbologies	2D	PDF417, Micro PDF417, QR Code, Micro QR Code, Aztec, Data Matrix, Chinese Sensible Code, Maxicode.
	1D	EAN-8, EAN-13, UPC-E, UPC-A, Code128, Coupon, UCC/EANI28, CodaBar, I2Of5, Febraban, ITF14, ITF6, Matrix 25, Code39, Code93, ISSN, ISBN, Industrial 25, Standard 25, China Post 25, Plessey, Code 11, MSI Plessey, UCC/EAN Composite, GSI Databar, Code 49, Code 16K, AIM 128, ISBT 128.
Resolution*		≥3mil
Typical Depth of Field*	EAN-13	50mm-495mm (13mil)
	Code 39	85mm-220mm (5mil)
	PDF 417	70mm-215mm (6.7mil)
	Data Matrix	50mm-220mm (10mil)
	QR Code	20mm-325mm (15mil)
Scan Angle**		Pitch: ±55°, Roll: 360°, Skew: ±55°
Field of View		Horizontal 39°, Vertical 24°
Min Symbol Contrast*		25%

Wireless

Communication Mode	Synchronous, asynchronous and batch mode
Radio Technology	Bluetooth 5.0
Communication Distance	50m/164ft (direct line of sight in open air)
Memory Capacity	≥15000 pieces of Code 128 (20 byte of each Code 128)
Battery	2200 mAh lithium-ion battery
Expected Charge Time	4 hours (with power adapter)
Expected Battery Life	12 hours of continuous operation (scan once per 6 seconds)

Physical

Interface	RS-232, USB
Operating Voltage	5VDC±5%
Dimensions (L×W×H)	Scanner: 113.5(W)×73.3(D)×159.0(H)mm
Weight	Scanner: 217g
Notification	Beep, LED

Environmental

Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Battery Charge Temperature	0°C to 45°C (32°F to 113°F)
Humidity	5%-95% (non-condensing)
ESD	±8 KV (air discharge); ±4 KV (contact discharge)
Drop	Scanner: 1.5m/4.9ft Cradle: 1m/3.3ft
Sealing	Scanner: IP42

Certificates

Certificates & Protection	FCC Part15 Class B, CE EMC Class B, RoHS
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*Test conditions: T=23°C; Illumination=300lux using incandescent lamp; sample printed barcodes made by Newland.

**Test conditions: Scan Distance= (min. DOF + max. DOF)/2; T=23°C; Illumination=300lux using incandescent lamp;

ID: EAN-13 (13mil).

Specifications are subject to change without notice.

Version: V1.1

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