



Newland AIDC
Scanning Made Simple



NLS-HR3280

HANDHELD 2D BARCODE SCANNER

FEATURES

- Extensive Data Capture Capabilities**
 Armed with Newland's six-generation of **UIMG®** technology, the HR3280 provides the added value of postal barcodes decoding, extending its data capture capabilities.
- Powerful Data Editing Capability**
 The scanner allows customizing scanned data with ease and provides supporting software to address diverse application needs.
- Durable Construction**
 The NLS-HR3280, built into an IP42-sealed and drop resistant (1.5m) housing, can stand up to tough environments.
- User-friendly Dual-color Illumination**
 Designed with the end user in mind, the HR3280 combines both red and white LEDs, and the ability to use them separately or together to meet the lighting requirements of various applications.
- Ideal On-screen Barcode Scanning Solution**
 The HR3280 delivers unmatched reading performance for various O2O applications involving on-screen barcodes even when the screen is covered with protective film or set to its lowest brightness level.



CMOS



1D Barcode



2D Barcode



Postal



USB



RS232



Drop



IP 42



Retail

NLS-HR3280

Performance

Image Sensor		1280×800 (megapixel) CMOS
Illumination		Red LED/ White LED
Aiming		Green LED
Symbologies	ID	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GSI Databar, Code 39, Code 11, MSI-Plessey, Plessey, etc.
	2D	PDF417, QR Code, Data Matrix, Aztec, Maxicode, etc.
	Postal	USPS Postnet, Royal Mail, KIX Post, Australian Postal, etc.
Resolution*		≥3mil
Typical Depth of Field*	EAN-13	45mm-510mm (13mil)
	Code 39	75mm-220mm (5mil)
	PDF 417	70mm-215mm (6.7mil)
	Data Matrix	50mm-220mm (10mil)
	QR Code	20mm-330mm (15mil)
Scan Angle**		Pitch: ±55°, Skew: ±55°, Roll: 360°
Field of View		Horizontal 39°, Vertical 24°
Min Symbol Contrast*		25%

Physical

Interface		RS-232, USB
Operating Voltage		5VDC±5%
Rated Power Consumption		1289.6mW (typical)
Current@5VDC	Operating	238.2mA (typical), 260.5mA (max.)
	Idle	71.3mA
Dimensions (L×W×H)		113.5(W)×73.3(D)×159.0(H)mm
Weight		162g
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)
Humidity	5%-95% (non-condensing)
ESD	±15 KV (air discharge); ±8 KV (contact discharge)
Drop	1.5m
Sealing	IP42

Certificates

Certificates & Protection	FCC Part15 Class B, CE EMC Class B, RoHS
---------------------------	--

*Test conditions: T=23°C; Illumination=300lux using incandescent lamp; sample barcodes made by Newland.

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

2D: QR Code; 10 Bytes; Resolution=15mil; PCS=0.8.

Specifications are subject to change without notice.

Version: V1.2

Newland AIDC

Add: No.1 Rujiang West Rd.,
Mawei, Fuzhou, Fujian 350001, China
Tel: +86-591-83979500
Fax: +86-591-83979216
Email: info@nlsan.com
Web: www.newlandaidc.com

North America&Latin America

Add: 46559 Fremont Blvd.,
Fremont, CA 94538, USA
Tel: +1 510 490 3888
Fax: +1 510 490 3887
Email: info@nlsan.com
Web: www.newlandamerica.com

Europe & Middle East

Add: Rolweg 25, 4104 AV Culemborg,
The Netherlands
Tel: +31 (0) 345 87 00 33
Email: sales@newland-id.com
Tech Support: tech-support@newland-id.com
Web: www.newland-id.com

Asia Pacific

Taiwan:
Add: 7F-6, No. 268, Liancheng Rd.,
Jhonghe Dist. 235, New Taipei City, Taiwan
Tel: +886 2 7731 5388
Email: info@newland-id.com.tw