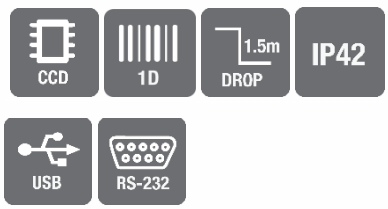
NLS-HR11 Plus

Hand-held Barcode Scanner



Features

Versatile Applicability

Armed with Newland' NLDC technology, the NLS-HR11 Plus is optimized for fast scanning of barcodes printed on paper or displayed on screen to cater to the diverse requirements of emerging applications including O2O.

Elegant Appearance

Blending ergonomics and aesthetics in its design, the scanner not only ensures operator comfort and productivity for intensive hand-held scanning but also meets the aesthetic needs of the O2O era.

Cost-effective Solution

The NLS-HR11 Plus delivers outstanding scanning performance and excellent user experiences at an affordable price.

Powerful Data Editing Capability

The scanner allows customizing scanned data with ease and provides supporting software to address diverse application needs.

Durable Construction

The scanner built into an IP42-sealed and drop resistant (1.5m) housing with no moving parts fortifies itself inside and out.

Application Scenarios

Retail chains, mobile payments, office automation, mail/parcel sorting and distribution.

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SCANNING MADE SIMPLE

Performance	Image Sensor		2500-pixel linear imager
	Illumination		Red LED (620nm~630nm)
	Symbologies		AIM 128, Code 11, Code32, Code 39, Code 93, Code 128, Codabar, COOP 25, Deutsche 12, Deutsche 14, EAN-8, EAN-13, Febraban, GS1-128, GS1 Databar (RSS), ISBN, ISSN, ITF-6, ITF-14, MSI-Plessey, Plessey, UPC-A, UPC-E, Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, Standard 2 of 5.
	Resolution*		≥3mil
	Typical Depth of Field*	EAN-13	40mm-480mm (13mil)
		Code 39	80mm-180mm (5mil)
	Scan Angle**	Pitch	±60°
		Skew	±70°
	Field of View		53°±2°
	Min. Symbol Contrast		20%
	Scan Rate		300 scans per second
	Interfaces		RS-232, USB
Physical/ Electrical	Dimensions		101(L)×68(W)×145(H)mm
	Weight		120g
	Notification		Beep, LED indicator
	Rated Power Consumption		352mW (typical)
	Operating Voltage		5VDC±5%
	Current@5VDC	Operating	70.4 mA (typical), 96.8mA (max.)
		Standby	57.6mA
Environmental	Operating Temperature		-20℃ to 60℃(-4°F to 140°F)
	Storage Temperature		-40℃ to 70℃ (-40°F to 158°F)
	Humidity		5%~95% (non-condensing)
	ESD		±8 KV (contact discharge); ±16 KV (air discharge)
	Drop		1.5m
	Sealing		IP42
Certifications			FCC Part15 Class B , CE EMC Class B
Accessories	Cable	USB	Used to connect the scanner to a host device.
		RS-232	Used to connect the scanner to a host device.
	Smart Stand		Used for hands-free scanning.
	Power Adapter		DC5V power adapter to power the scanner with RS-232 cable.

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

**Test conditions: Scan Distance= (min. DOF + max. DOF)/2; T=23℃; Illumination=300lux using incandescent lamp; 1D: Code 128; 5 Bytes; Resolution=10mil; PCS=0.8.

Specifications are subject to change without notice.

Version: V1.0

Newland China
+86-591-83978605
contact@nlscan.com
www.newlandaidc.com

Newland Europe
+31(0)-345-87-0033
info@newland-id.com
www.newland-id.com

Newland North America
+1-510-490-3888
info@newlandna.com
www.newlandamerica.com

Newland Latin America
+1-239-598-0068
info@newlandla.com
www.newlandamerica.com

Newland Taiwan
+886-2-7731-5388
info@newland-id.com.tw
www.newland-id.com.tw

Newland Korea
+82-10-8990-4838
th.sung@newland-id.com.tw
www.newlandaidc.com

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