

NLS-HR11 Plus

Hand-held Barcode Scanner



Features

Versatile Applicability

Armed with Newland's **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.

Hand-held Barcode Scanner

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°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	±8 KV (direct 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°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;

1D: Code 128; 5 Bytes; Resolution=10mil; PCS=0.8.

Specifications are subject to change without notice.

Version: V1.0