



HR11 Aringa

General Purpose Handheld Scanners



Features

Value for money.

The HR11 Aringa is compact & ergonomic in design, making it comfortable in use during daily operations. It delivers outstanding scanning performance with a 2500-pixel linear imager and offers an excellent user experience at an affordable price.

Ergonomic design.

Blending ergonomics and aesthetics in its design, the HR11 Aringa ensures operator comfort and productivity for intensive handheld scanning.

Scanning from paper and screen.

Equipped with Newland's NLDC technology (1D decoder chip), the HR11 Aringa is optimized for fast scanning of 1D barcodes printed on paper or displayed on screen to support the diverse requirements of Retail scanning and emerging applications including O2O (Online2Offline).

Foldable smart stand available.

A foldable smart stand is available for the HR11 Aringa, allowing you to quickly switch between hand-held scanning and hands-free scanning.

Application scenarios.

Retail, O2O, pharmacy, cosmetics & drug stores, smaller sized grocery stores, tobacco kiosks and in a ticketing booth for reading and validating mobile or paper tickets.

5 Years Full
Warranty



HR11 Aringa

Data Capture

1D	All major 1D symbologies, including 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.
Depth of Field Code 39 (5mil)	80 mm - 180 mm
Depth of Field EAN 13 (13mil)	40 mm - 480 mm
Field of View Horizontal	53°±2°
Illumination	Red LED (620nm-630nm)
Image Sensor	2500 linear imager
Minimal Print Contrast	20%
Resolution	≥3mil
Scan Angle Pitch	±60°
Scan Angle Roll	360°
Scan Angle Skew	±70°

Physical

Current @ 5VDC Operating	70.4 mA (typical), 96.8 mA (max)
Current @ 5VDC Standby	57.6 mA
Dimensions	101(W) × 68(D) × 145(H) mm
Input Voltage	5 VDC ±5%
Interfaces	RS-232, USB
Notifications	Beep, LED
Power Consumption	352 mW (typical)
Weight	120 g

Environmental

Drop	1.5 m
Electro Static Discharge (ESD)	±8 kV (direct discharge), ±16 kV (air discharge)
Humidity	5% to 95% (non-condensing)
IP Rating	IP42
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

Software

Configuration Tools	EasySet
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Certifications

Certifications Hardware	FCC Part15 Class B, CE EMC Class B, RoHS
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Warranty

Comprehensive Service Contract	3 Years, 5 Years
Warranty Standard	5 Years

Accessories

Accessories Optional	RS-232 cable, USB cable, USB-C cable, Multiplug adapter, Foldable smart stand
Accessories Standard	USB cable, RS-232 cable

What's in the box?

NLS-HR1150P-30	HR11 Aringa, 2 meter USB cable
NLS-HR1150P-30F	HR11 Aringa, 2 meter USB cable, Foldable smart stand
NLS-HR1150P-37	HR11 Aringa, 2 meter RS-232 cable
NLS-HR1150P-37F	HR11 Aringa, 2 meter RS-232 cable, Foldable smart stand
NLS-HR1150P-38	HR11 Aringa, 2 meter RS-232 cable, Multiplug adapter

Accessories

Charging/Power	ADP100 Power Supply for HR, FR, and FM Series (ADP100)
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Cables	CBL017U RJ to USB-C Cable for HR, FR and FM Series (CBL017U) CBL030UA USB Cable for HR12, HR32 and HR52 Series (CBL030UA) CBL036UA USB Cable for HR, FM, and FR Series (CBL036UA) CBL037R RS232 Cable for HR, FR, and FM Series (CBL037R) CBL042UA USB Cable for HR, FM, and FR Series (CBL042UA) CBL048U USB Cable for Ingenico iCT220 (CBL048U) CBL105U USB White Cable for HR Series (CBL105U) CBL128R Cable for Magellan Connection (CBL128R)
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Peripherals	EX232 Remora (NLS-EX232-01)
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Base Stations	NLS-STD20I-22 Smart Foldable Stand for HR11 (NLS-STD20I-22)
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