



1D



Dual  
Interface



1.5m  
drop



CCD



Chip



IP42



EasySet



Warranty  
5 Years



**HR11 Aringa**  
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.



## Suggested industries



Healthcare



Hospitality



Postal



Public  
Sector



Retail

# HR11 Aringa Technical specifications

## Performance

|                               |                                                                                                                                                                                               |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                  | CCD 2500                                                                                                                                                                                      |
| Illumination                  | Red LED (620nm~630nm)                                                                                                                                                                         |
| Aiming                        | 40-480mm                                                                                                                                                                                      |
| Depth of Field EAN 13 (13mil) | 80-180mm                                                                                                                                                                                      |
| Minimal Print Contrast        | 20%                                                                                                                                                                                           |
| Scan Angle Pitch              | ±60°                                                                                                                                                                                          |
| Scan Angle Skew               | ±70°                                                                                                                                                                                          |
| Field of View Horizontal      | 53°                                                                                                                                                                                           |
| Scan Modes                    | Manual Mode, Batch Mode, Auto Mode, Blink Mode, Sense Mode, Continuous Mode, Command Trigger Mode Manual Mode,Batch Mode,Auto Mode,Blink Mode,Sense Mode,Continuous Mode,Command Trigger Mode |
| Scan Rate                     | 300 scans per second                                                                                                                                                                          |

## 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. |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Physical

|                          |                                  |
|--------------------------|----------------------------------|
| Dimensions (mm)          | 101(L)×68(W)×145(H)mm            |
| Weight                   | 120g                             |
| Material                 | PC, ABS                          |
| Buttons                  | Trigger                          |
| Interfaces               | RS-232, USB                      |
| Notifications            | Beep, LED indicator              |
| Input Voltage            | 5VDC±5%                          |
| Current @ 5VDC Operating | 70.4 mA (typical), 96.8mA (max.) |
| Current @ 5VDC Standby   | 57.6mA                           |
| Power Consumption        | 352mW (typical)                  |
| Power Supply Input       | DC5V, 1.5A                       |
| Power Supply Output      | AC100~240V, 50~60Hz              |

## 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)                          |
| Electro Static Discharge (ESD) | ±8 KV (direct discharge); ±16 KV (air discharge) |
| Drop                           | 1.5m                                             |
| IP Rating                      | IP42                                             |

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Specifications are subject to change without notice

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# HR11 Aringa Technical specifications

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Accessories         |                                                      |
| Standard            | USB Cable                                            |
| Optional            | RS232 Cable,Adapter,Stand                            |
| Software            |                                                      |
| Configuration Tools | EasySet                                              |
| Certifications      |                                                      |
| Hardware            | FCC Part15 Class B, CE EMC Class B,RoHS, IEC62471,KC |
| Warranty            |                                                      |
| Standard            | 5 years                                              |