



HR11+ Aringa
handheld barcode scanner

FEATURES

Value for money.

The HR11+ Aringa is compact & ergonomic in design, maximizing comfort 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, the HR11+ Aringa is optimized for fast scanning of 1D barcodes printed on paper or displayed on screen. This makes it a snappy solution for companies looking to tackle emerging applications like O2O.

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.



HR11+ Aringa with stand.

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

HR11+ Aringa handheld barcode scanner

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Performance	Image Sensor	2500-pixel linear imager		
	Illumination	Red LED (620nm~630nm)		
	Aiming	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	70mm-180mm (5mil)	
	Scan Angle**	Pitch	±60°	
		Skew	±70°	
	Field of view	53°±2°		
	Min. Symbol Contrast	20%		
	Scan Rate	325 scans per second		
	Interfaces	RS-232, USB		
	Physical	Dimensions (L×W×H)	145×101×68mm	
Weight		120g		
Notification		Beep, LED indicator		
Rated Power Consumption		345mW (typical)		
Operating Voltage		5VDC±5%		
Current@5VDC		Operating	70.4mA (typical), 96.8mA (max.)	
		Standby	10mA±1mA	
Environmental		Operating Temperature	-20°C to 60°C	
	Storage Temperature	-40°C to 70°C		
	Humidity	5%~95% (non-condensing)		
	ESD	±8 KV (contact discharge); ±10 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 adapter, used to power the HR11 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.

Specifications are subject to change without notice.

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