



HR20 RF Panga
handheld scanners

Features

Superior barcode scanning.

The HR20 RF Panga is equipped with Newland's third generation decoder chip, making the capture of high-density and distorted barcodes, printed on paper or displayed on screens, a breeze.

Stylish and productive design.

Blending both function and aesthetics, the HR20 RF Panga ensures operator comfort and is prepared for intensive scanning and productivity.

Reliable wireless communication.

With 2.4GHz Radio Frequency technology, the HR20 RF Panga provides wireless connectivity for up to 50M from the connected dongle, creating freedom without tangled cables.

Durable design.

The HR20 RF Panga has an IP42 sealing to protect against water and dust and withstands drops from as high as 1.2M.

Exceptional battery life.

In addition to a 2000mAh battery, the HR20 RF Panga also comes with a low power mode.

Application Scenarios



inventory



point of sale



ticketing

HR20 RF Panga technical specifications

Performance	Memory Flash	512KB
	Image Sensor	640x480 CMOS
	Illumination	White LED
	Aiming	Red LED
	Depth of Field EAN13 (13mil)	45mm-200mm
	Depth of Field QR (15mil)	35mm-110mm
	Minimal Print Contrast	25%
	Scan Angle Roll	360°
	Scan Angle Pitch	±50°
	Scan Angle Skew	±50°
	Field of View Horizontal	45°
	Field of View Vertical	34°
Data capture	1D	PDF417, QR Code, Data Matrix, Chinese Sensible Code
	2D	Code 128, UCC/EAN-128, AIM 128, EAN-8, EAN-13, ISSN, ISBN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-14, Industrial 25, Standard 25, Matrix 2 of 5, Codabar, Code 39, Code 93, Code 11, Plessey, MSI-Plessey, RSS-14, RSS-Limited, RSS-Expand.
Physical	Dimensions (mm)	100.1(L)x71.2(W)x155.3(H)mm
	Weight	191.6g
	Interfaces	USB
	Battery Type	2000mAh lithium-ion battery
	Expected Battery Life	≥12 hours of continuous operation
	Expected Charge Time	4.5-5.5 hours
	Notifications	Beep, LED indicator
	Input Voltage	5VDC±10%
Environmental	Operating Temperature	-20°C to 50°C (-4°F to 122°F)
	Storage Temperature	-40°C to 70°C (-40°F to 158°F)
	Humidity	5% to 95% (non-condensing)
	Electro Static Discharge (ESD)	±8KV (air discharge); ±4KV (direct discharge)
	Drop	1.2m
	Sealing	IP42
Wireless	WPAN Radio	2.4 to 2.4835 GHz ISM Band, Radio Frequency technology
	Communication Distance	≥50m (in open space)
	Communication Modes	Real-time and Inventory modes