

HR42 Halibut

Handheld Barcode Scanner

Performance	Image Sensor	1280×960 CMOS
	Illumination	White LED
	Aiming	650nm laser diode
	Symbolologies	2D PDF417, QR Code, Data Matrix, Aztec, Maxicode, etc.
		Postal USPS Postnet, Royal Mail, KIX Post, Australian Postal, etc.
		1D EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey, etc.
	Resolution*	≥3mil
	Typical Depth of Field*	EAN-13 25mm-155mm (13mil)
		Code 39 50mm-100mm (5mil)
		PDF417 40mm-105mm (6.7mil)
		Data Matrix 40mm-110mm (10mil)
		QR Code 35mm-155mm (15mil)
	Motion Tolerance*	2m/s
	Scan Angle**	Pitch: ±50°, Roll: 360°, Skew: ±50°
	Field of View	Horizontal 40.5°, Vertical 30.4°
	Symbol Contrast*	≥25%
Mechanical/ Electrical	Interfaces	RS-232, USB, PS/2
	Dimensions	74.0(W)×115.0(D)×161.0(H)mm
	Weight	173g
	Notification	Beep, LED indicator, vibration
	Rated Power Consumption	1251mW (typical)
	Operating Voltage	5VDC±5%
	Current@5VDC	Operating 266mA (typical), 344mA (max.)
		Standby 109mA
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%~95% (non-condensing)
	ESD	±8 KV (contact discharge); ±16 KV (air discharge)
	Drop	1.8m
	Sealing	IP42
Certifications	FCC Part15 Class B, CE EMC Class B	
Accessories	Cable	USB Used to connect the HR42 to a host device.
		RS-232 Used to connect the HR42 to a host device.
	Power Adapter	DC5V power adapter to power the HR42 with RS-232 cable. Output: DC5V, 1.5A Input: AC100-240V, 50-60Hz

*Test conditions: T=23°C; Illumination=300lux using incandescent lamp; sample barcodes made by Newland.

Version: V1.0

**Test conditions: Scan Distance= (min. DOF + max. DOF)/2; T=23°C; Illumination=300lux using incandescent lamp; 2D: QR Code; 10 Bytes; Resolution=15mil; PCS=0.8.

Specifications are subject to change without notice.

Newland EMEA HQ
+31 (0) 345 87 00 33
info@newland-id.com

Newland D-A-CH
+49 (0) 6182 82916-16
info@newland-id.de

Newland France
+31 (0) 345 87 00 33
france@newland-id.com

Newland Benelux
+31 (0) 345 87 00 33
benelux@newland-id.com

Newland Ibérica
+34 (0) 93 303 74 66
info@newland-id.es

Newland Italy
+39 (0) 342 056 2227
italy@newland-id.com

Newland Nordic & Baltic
+46 (0) 708 847 767
nordic@newland-id.com

Newland UK
+44 (0) 1442 212 020
sales@newland-id.co.uk

Newland Russia
+31 (0) 345 87 00 33
russia@newland-id.com

Newland South Africa
+27 (0) 11 553 8010
info@newland-id.co.za

Newland Middle East
+31 (0) 345 87 00 33
middleeast@newland-id.com

Newland Turkey & Iran
+90 (0) 544 538 40 49
turkey@newland-id.com
iran@newland-id.com