

HR42 Halibut

Handheld Barcode Scanner

Performance	Image Sensor	1280×960 CMOS		
	Illumination	White LED		
	Aiming	650nm laser diode		
	Symbologies	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.

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