

NLS-HR3280-HC

2D Handheld Barcode Scanner



Features

■ Outstanding Performance

Includes core-technology, which is independently designed and manufactured by Newland Auto-ID. The HR3280-HC can effortlessly capture high-density, high volume and distorted barcodes printed on paper or displayed on a screen.

■ Disinfectant-ready Enclosure

The HR3280-HC in a housing created with nSHIELD™ *Antimicrobial agent, features a disinfectant-ready enclosure purpose-built to resist the harmful effects of harsh cleaning agents commonly used in healthcare environments and minimize the spread of infectious diseases.

■ Powerful Data Editing Function

The HR3280-HC allows customizing scanned data with ease and provides supporting software to address diverse application needs.

■ Humanized Illumination

The HR3280-HC can be set white and red led according to different workplaces. Not only relieving the visual fatigue but also improving working efficiency.

■ Ergonomic Design for Clinician

Blending ergonomic and aesthetics in its design, the HR3280-HC not only ensures operator comfort and productivity for intensive hand-held scanning but also meets the aesthetic needs of the healthcare environments.

Application Scenarios

Healthcare environments, labs, physical exam room, asset counting, etc.

2D Handheld Barcode Scanner

Performance	Image Sensor	1280×800 CMOS		
	Illumination	White LED & Red LED		
	Aiming	Green LED		
	Symbologies	2D	PDF417, Micro PDF417, QR Code, Micro QR Code, Aztec, Data Matrix, Chinese Sensible Code, Maxicode, GM Code, Code One.	
		1D	EAN-8, EAN-13, UPC-E, UPC-A, Code128, Coupon, UCC/EAN128, CodaBar, I2Of5, Febraban, ITF14, ITF6, Matrix 25, Code39, Code93, ISSN, ISBN, Industrial 25, Standard 25, China Post 25, Plessey, Code 11, MSI Plessey, UCC/EAN Composite, GS1 Databar, Code 49, COOP 25, Code 16K, AIM 128, ISBT 128.	
		Postal	USPS Postnet, USPS Intelligent Mail, Royal Mail, USPS Planet, KIX Post, Australian Postal, Japan Post.	
		OCR	Passport OCR.	
	Resolution*	≥3mil		
	Typical Depth of Field*	EAN-13	45mm-510mm (13mil)	
		Code 39	75mm-220mm (5mil)	
		PDF 417	70mm-215mm (6.7mil)	
		Data Matrix	50mm-220mm (10mil)	
		QR Code	20mm-330mm (15mil)	
Scan Angle**	Pitch	±55°		
	Skew	±55°		
	Tilt	360°		
Field of View	Horizontal 39°, Vertical 24°			
Min. Symbol Contrast	25%			
Physical	Interfaces	RS-232, USB		
	Dimensions (LxWxH)	159.0×113.5×73.3mm		
	Weight	162g		
	Notification	Beep, LED indicator		
	Rated Power Consumption	1289.6mW (typical)		
	Current@5VDC	Operating	241.2mA(typical), 260.5mA(max.)	
		Standby	71.3mA	
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)		
	ESD	±15KV (air discharge); ±8 KV (contact discharge)		
	Drop	1.5m		
	Sealing	IP42		
	Approved Cleaners	Disinfectant Ready. Refer to the user guide for the list of approved cleaners.		
Certifications	FCC Part15 Class B, CE EMC Class B, RoHS			

*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
2D: QR Code; 10 Bytes; Resolution=15mil; PCS=0.8.

Specification are subject to change without notice

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