

NLS-FR20 Series

Fixed Read Barcode Scanner



Designed primarily for such applications as electronic tickets/coupons, mobile marketing and office automation, the NLS-FR20 series fixed read barcode scanner is able to read barcodes from paper and mobile phones.

Features

- **Digital Barcode Data Capture**
Capable of reading 1D and 2D barcodes off mobile phones.
- **Printed Barcode Data Capture**
Capable of reading 1D and 2D barcodes printed on paper.
- **Swift Scanning**
Delivers effortless, snappy and accurate reading of barcodes on various mobile phone LCD screens with different contrast ratios, colors and reflectance.
- **Easy to Use**
Simple configuration by scanning the programming barcodes provided in the user guide.

NLS-FR20 Specifications

Performance		
Processor	IOTC 0370 CHIP	
Image Sensor	640×480 CMOS	
Interface	RS-232 (9.6~115.2Kbps) / USB 1.1 (HID-KBW, HID-POS)	
2D	PDF417, Data Matrix, QR Code	
Symbologies	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar (RSS-Expand, RSS-Limited, RSS-14), Code 39, Code 11, MSI-Plessey, Plessey	
1D		
Scan Mode	Sense mode, Continuous mode	
Resolution	10mil	
Light Source	White LED	
Scan Window	52mm×69mm	
PCS	≥30%	
FOV	Diagonal: 68°, Horizontal: 42°, Vertical: 54°	
Mechanical/Electrical		
Power Consumption	1W (max.)	
Notification	Beep, LED indicator	
Dimensions (L x W x H)	127.3×111.5×94mm	
Weight	300g	
Environmental		
Operating Temperature	-10°C - +50°C	
Storage Temperature	-20°C - +60°C	
Humidity	5% - 95% (non-condensing)	
Ambient Light	0 ~ 100,000 LUX	
Certifications		
FCC Part15 Class B, CE EMC Class B		
Accessories		
Cable	RS-232 Cable	Equipped with a power connector; used to connect the scanner to a host device.
	USB Cable	Used to connect the scanner to a host device.
Power Adapter		Used to provide power for the scanner. Output: DC5V,1.5A; Input: AC100~240V, 50~60Hz.

Contact Us

Newland China

+86-400-608-0591

marketing@nlscan.com

Newland Europe

+31(0)-345-87-0033

info@newland-id.com

Newland Taiwan

+886-2-7731-5388

info@newland-id.com.tw

Newland North America

+1-510-490-3888

info@newlandna.com

www.nlscan.com



Specifications are subject to change without notice. V1.0.0