

NLS-N7



Portable Data Collector



Features

■ Excellent grip, rugged and durable

Specially designed for logistics, warehouse and other industry fields, existing custom 29 buttons which can be extended to 38 buttons or 47 buttons layout. Combined with ergonomic pistol grip designing. IP65 protection grade, withstand 1.8m free drop to concrete (2 times at each surface) and work normally in pouring water situation with gloved fingers.

■ Qualcomm platform Android 10.0

Using Qualcomm platform, Octa-core, 1.8GHzd main frequency, running Android 10.0 operating system, providing quicker data process and smoother operation.

■ High accuracy medium range identification

Using international top class 1D laser scan engine and 2D CMOS scan engine; support medium far distance scanning; Using 25° perfect scanning angel, make scanning more accurate; 8 megapixel camera, high dynamic LED light, easy to capture clear photos at any time and any place.

Application Scenarios

Logistics, express delivery services, warehouse management, retail chains, food traceability, distributor management, inventory counting etc.

■ Type-C port WIFI ac band

Using the main stream Type-C fast charging port, the charging power is up to 18W, can fully charge the 5100mAh battery within 2 hours. Support 802.11ac band and WIFI 5G band, faster transmission rate and better support for WIFI roaming.

■ Industrial capacitive touch screen, Ultra HD display experience

4.0 inch IPS mainstream HD display screen, with higher transparency and lower reflectivity, to achieve high quality images.

■ Custom high-power speaker, super-large capacity battery

Professional custom 2W high-power speaker, presents clear sound in noisy environment. Using 5100mAh high density polymer lithium ion battery to promise a full day of continuous use.

NLS-N7 (WI-FI)

Portable Data Collector

Performance	Processor	Qualcomm 1.8GHz, octa cores 64-bit processor	
	Operating System	Android 10.0	
	Memory	3GB RAM, 32GB ROM	
	Interface	QC3.0, Type-C port, 9V/2A	
Physical	Dimensions	200mm×70mm(pistol grip 58mm)×24mm(battery29mm)	
	Weight	360g (including battery)	
	Display	4.0" WVGA IPS screen, visible under strong light, resolution 480×800	
	Keypad	29 physical buttons, with back light function, able to extend to 38 or 47 buttons	
	Virtual Button	Support three virtual buttons	
	Notification	Vibrator, speaker and multi-color LEDs	
	Battery	5100mAh, support spare battery	
	Camera	8MP, auto focus, with LED flashlight	
	GPS	GPS(A-GPS)/GLONASS or GPS(A-GPS)/Galileo	
	Expansion	Micro SD/TF card (max. 128GB)	
	Sensor	Gravity sensor, hall switch	
	AC Adapter	QC3.0, Output: Type-C 5V/2A, 9V/2A, 15V/1.2A, Input: AC 100~240V, 50~60Hz	
	Environmental	Operating Temperature	-20°C to 55°C (-4°F to 131°F)
Storage Temperature		-40°C to 70°C (-40°F to 158°F)	
Humidity		5% to 95% (non-condensing)	
Static Discharge		±15 kV (Air discharge), ±8 kV (Direct discharge)	
Drop		1.8m drops to concrete (for six sides, two drops per side)	
Sealing		IP65	
Barcode Scanning	2D Barcode	1D: Code128, UCC/EAN-128, AIM-128, EAN-8, JAN-8, EAN-3, ISBN/ISSN, UPC-E, UPC-A, Interleave2/5, ITF-6, ITF-14, Deutsche14, Deutsche12, COOP25, Matrix2/5, Industrial2/5, Standard25, Code39, Codabar/NW7, Code93, Code 11, Plessey, MSI/Plessey, GS1 Databar etc.	
	CMOS (≥ 5 mil)	2D: PDF-417, QR Code, Data Matrix, Chinese sensible code etc.	
Depth of field	Depends on barcode type and environment	Code39(5mil) 80mm-350mm; Code39(10mil) 50mm-575mm	
		Code128(3mil) 100mm-180mm; Code128(10mil) 60mm-480mm	
		EAN-13(13mil) 40mm-480mm; DM(15mil) 55mm-355mm	
		PDF417(10mil) 60mm-320mm; QR(15mil) 50mm-400mm	
NFC	13.56MHz	13.56MHz ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693	
Wireless	WLAN	Bands	built-in 802.11 a/b/g/n/ac, compatible with 11 d/h/i/k/r/v/w, support 2.4G and 5G dual frequency
		Roaming	Support Fast Roaming
	Bluetooth	Dual mode, BT4.2+LE (Backward-compatible)	
Card Slots	IF Card	TF	
Accessory	(Optional)	AC adapter, cable, charging cradle, hand strap, 4-slot charger	
Certificates	Certificates	CE-RED, FCC, BIS, RoHS2.0, REACH, AER, SOTI, UN38.3, IEC62471	
&protection	Laser Safety	IEC60825	

Specifications are subject to change without notice.

2020/06/16 Version: V1.3

Newland Headquarter

Add: NO.1 Rujiang West Rd.,
Mawei, Fuzhou, Fujian 350015, China
Tel: +86 591 8397 9500
Email: info@nlscan.com
Web: www.newlandaidc.com

Newland APAC

Taiwan Tel: +886 2 7731 5388
Taiwan Email: info@newland-id.com.tw
Web: www.newland-id.com.tw
Japan Tel: +886 2 7731 5388 ext. 71
Korea Tel: +82 10 8990 4838
India Tel: +91 120 7964266
Japan/Korea/India Email: info@nlscan.com
Web: www.newlandaidc.com

Newland NALA

North America Tel: +1 510 490 3888
North America Email: info@nlscan.com
Latin America Tel: +1 239 598 0068
Latin America Email: info@newlandla.com
Web: www.newlandamerica.com

Newland EMEA

Tel: +31 (0) 345 87 00 33
Email: sales@newland-id.com
Tech Support: tech-support@newland-id.com
Web: www.newland-id.com

