www.newlandaidc.com

Newland AIDC
Scanning Made Simple

NLS-N7L

PORTABLE DATA COLLECTOR

FEATURES

Excellent Grip, Rugged and Durable

Specially designed for infield area, the product is with smaller size and flexible to use. 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.

Excellent Performance

The N7L is equipped with Quad-core, 2.0 Ghz main frequency and 2GB RAM + 16GB ROM storage configuration, and running Android 9.0 operating system, providing quicker data process and smoother operation.

High Accuracy Data Capture

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.

Fast Wi-Fi Transmission Rate

With PA design, it enhances the signal strength. Support 802.11ac band and WIFI 5G band, faster transmission rate and better support for WI-FI roaming.

2D Barcode | 1D Barcode | Android | USB Type C | GPS | IP65 | 4G | WiFi

NLS-N7L

Performance

Processor	2.0GHz, quad cores main frequency
Operating System	Android 9.0
Memory	2GB RAM, 16GB ROM
Interface	Type-C port, 9V/2A

Physical/Electrical

Dimensions (L×W×H)	187.1×65.8 (pistol grip 54.4)×24.5 (battery 30) mm
Weight	315g (including battery)
Display	3.5" FWVGA screen, visible under strong light, resolution 854×480
Keypad	29 physical buttons, with back light function
Virtual Button	Support three virtual buttons, User-defined
Notification	Vibration, speaker and multi-color LEDs, support led for scan indicator.
Battery	5100mAh
Camera	8MP, auto focus, and auto flashlight
GPS	GPS(A-GPS)/GLONASS or GPS(A-GPS)/Galileo
Expansion	Micro SD/TF card (max. 128GB)
Sensor	Gravity sensor
AC Adapter	Output: Type-C 9V/2A, Input: AC 100~240V, 50~60Hz

Environmental

Operating Temperature	-20℃ to 55℃ (-4°F to 131°F)
Storage Temperature	-40℃ to 70℃ (-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 CMOS (≥ 5 mil)	1D: Code128, Code 49, Code 16K, (GS1128) UCC/EAN-128, AIM-128, EAN-8, EAN-13, UPC-E, UPC-A, ITF, ITF 6, ITF 14, Matrix 2 of 5, Industrial 25, Standard 2 of 5, Code39, ISSN, ISBN, Codabar, Code93, Code 11, Plessey, MSI Plessey, RSS. 2D: Aztec, Composite, CS Code, Maxicode, Micro PDF, Micro QR, PDF 417, QR Code, Data Matrix, DotCode.

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

Wireless

WLAN RADIO	Bands	built-in 802.11 a/b/g/n/ac, compatible with 802.11 d/e/h/i/j/k/r/v, support 2.4G and 5G dual frequency and fast roaming
WWAN RADIO	4G	GSM: B3/B5/B8 WCDMA: B1/B5/B8 WCDMA: B1/B5/B8 TD-SCDMA: B34/B39 TDD-LTE: B34/B38/B39/B40/B41 (120M) FDD-LTE: B1/B3/B5/B8

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WPAN RADIO	BT5.0, compatible with V3.0+HS/V4.2 LE

Card Slots

SIM Card	SIM, TF card

Battery Life

Expected Standby Time	500 hours
Expected Operating Time	> 12 hours of continues operation (scan once per 6 seconds)

Accessory (Optional)

AC adapter, cable, charging cradle, hand strap, 4-slot charger

Certificates&Protection

Certificates	CE-RED, FCC, BIS, RoHS2.0, REACH, UN38.3
Laser Safety	IEC62471

Specifications are subject to change without notice. 2020/8/12 Version: V1.1

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