



NLS-N7

PORTABLE DATA COLLECTOR

FEATURES

○ Excellent grip, rugged and durable

Specially designed for logistics, warehouse and other industry fields, custom 29 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.

○ Type-C port WIFI ac band

Using the mainstream 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.



2D Barcode



1D Barcode



Android



4"
Color
Screen



GPS



IP65



WIFI

NLS-N7

Performance

Processor	Qualcomm 1.8GHz, octa cores 64-bit processor
Operating System	Android 10.0
Memory	3GB RAM, 32GB ROM/4GB RAM, 64GB ROM
Interface	QC3.0, Type-C port, 9V/2A

Physical/Electrical

Dimensions (L×W×H)	200mm×70mm(pistol grip 58mm)×24mm(battery29mm)
Weight	360g (including battery)
Display	4.0" WVGA IPS screen with Gorilla Glass, resolution 480×800, support with gloves or water touch
Keypad	29 physical buttons, with back light function, able to extend to 38 or 47 buttons
Virtual Button	Support three virtual buttons
Notification	Vibration, speaker and multi-color LEDs
Battery	5100mAh, support spare battery
Camera	13MP, PDAF, 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 50°C (-4°F to 122°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, 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.
CMOS (≥ 5 mil)	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	<p>SR</p> <p>Code39(5mil) 80mm-350mm; Code39(10mil) 50mm-575mm</p> <p>Code128(3mil) 100mm-180mm; Code128(10mil) 60mm-480mm</p> <p>EAN-13(13mil) 40mm-480mm; DM(15mil) 55mm-355mm</p> <p>PDF417(10mil) 60mm-320mm; QR(15mil) 50mm-400mm</p> <p>MR</p> <p>Code39(5mil) 200mm-575mm; Code39(10mil) 150mm-575mm</p> <p>Code128(10mil) 180mm-680mm</p> <p>EAN-13(13mil) 130mm-705mm; DM(15mil) 185mm-520mm</p> <p>PDF417(10mil) 175mm-550mm; QR(15mil) 195mm-550mm</p>
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NFC

13.56MHz RFID	13.56MHz ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693
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NLS-N7

Wireless

WLAN RADIO	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
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Accessory (Optional)

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

Certificates&Protection

Certificates	CE-RED, FCC, BIS, RoHS2.0, REACH, AER, SOTI, UN38.3, IEC62471
Laser Safety	IEC60825

Specifications are subject to change without notice.

2021/1/18

Version: V1.4

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