

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; 13 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 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. Gorilla glass is designed to provide better drop performance and higher resistance to scratch.

■ 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.

Application Scenarios

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

Portable Data Collector

Performance	Processor	Qualcomm 1.8GHz, octa cores 64-bit processor
	Operating System	Android 10.0
	Memory	4GB RAM, 64GB 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 with Gorilla Glass, resolution 480×800, support with gloves or water touch
	Keypad	29 physical buttons, with backlight function
	Virtual Button	Support three virtual buttons
	Notification	Vibrator, 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 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, 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.
	CMOS (≥ 5 mil)	
Depth of Field	Depends on Barcode Type and Environment	SR 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 MR Code39(5mil) 200mm-575mm; Code39(10mil) 150mm-575mm Code128(10mil) 180mm-680mm EAN-13(13mil) 130mm-705mm; DM(15mil) 185mm-520mm PDF417(10mil) 175mm-550mm; QR(15mil) 195mm-550mm
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

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SCANNING MADE SIMPLE

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	WWAN RADIO	2G	GSM: 850/900/1800/1900MHz
		3G	WCDMA: B1/B2/B5/B8 TD-SCDMA: B34/B39 CDMA 1x/EVDO: BC0
		4G	FDD-LTE: B1/B2/B3/B5/B7/B8/B20/B28a&b TDD-LTE: B38/B39/B40/B41(100M)
		Bluetooth	Dual mode, BT4.2+LE (Backward-compatible)
Card Slots	SIM Card	Nano+Nano or Nano+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.

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