

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.

■ Industrial Capacitive Touch Screen, Ultra HD Display Experience

3.5 inch 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. Besides, it supports 18W fast charging.

Application Scenarios

Logistics, express delivery services, warehouse management, Industry manufacture, retail chains, distributor management, etc.

Portable Data Collector

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	Dimensions	187.1mm×65.8mm (pistol grip 54.4mm)×24.5mm (battery 30mm)	
	Weight	325g (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	
	NFC	13.56MHz	
	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°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. 2D: PDF-417, QR Code, Data Matrix, Chinese sensible code etc.	
	CMOS (≥ 5 mil)		
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	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

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	Bluetooth	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	Certificates	CTA, SRRC, CCC, BIS, UN38.3,IP65,1.8M drop
&Protection	Laser Safety	IEC62471

Specifications are subject to change without notice.

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