

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.

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

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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)	gun grip, charging cradle, hand strap, 4-slot charger
Certificates	Certificates	BIS, UN38.3
&Protection	Laser Safety	IEC60825

Specifications are subject to change without notice.

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