

NLS-MT37

Portable Data Collector



Features

- **Superior Barcode Reading Performance**
Equipped with Newland's self-developed high performance barcode reading engine, the NLS-MT37 can decode even poorer quality barcodes, such as soiled or wrinkled labels, with ease. Also, the decoding efficiency is much higher.
- **User-focused Ergonomics**
The user-focused ergonomic design renders a lightweight and well-balanced device that reduces stress and fatigue during extended work sessions. With reasonable key design, it can effectively avoid misoperation.
- **Diverse Configurations**
The NLS-MT37 offers multi-configurations to meet various application needs. It is a high quality and cost-effective model.
- **Long-lasting Battery Life**
The NLS-MT37 is equipped with a 3300mAh battery that provides a full-shift battery life of up to 10 hours from a single charge.
- **Heavily Customized Android**
The value-added features of the NLS-MT37, including application protection and admin tool, seek to shore up Android's data security.
- **Excellent Performance**
The NLS-MT37 is equipped with quad-core, android 8.1 system and high-performance dual band Wi-Fi. It can support AC standard and BT5.0. NLS-MT37's rugged housing can withstand 1.2m drops to concrete.

Application Scenarios

Logistics, express delivery services, warehouse management, retail chains, food traceability, healthcare, distributor management, manufacturing, electricity meter reading, inventory counting.

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Performance	Processor	1.8GHz quad-core processor	
	Operating System	Android 8.1 Go	
	Memory	1GB RAM, 8GB ROM	
	Interface	USB Type-C at the bottom	
Physical	Dimensions	158(W) × 59(D) × 18.3(H)mm;	
	Weight	155g (including battery)	
	Display	2.8" (320 × 240) capacitive touch screen	
	Keypad	24 keys	
	Notification	Vibrator, speaker and multi-color LEDs	
	Battery	3.8V, 3300mAh (non-removable)	
	GPS	GPS (AGPS), GLONASS, Beidou	
	AC Adapter (Optional)	Fast Charging Supported	
	Multimedia	Speaker*1, Microphone *1	
	Environmental	Operating Temperature	-20°C to 50°C (-4°F to 122°F)
		Storage Temperature	-30°C to 60°C (-22°F to 140°F)
Humidity		5% to 95% (non-condensing)	
Static Discharge		± 12 kV (air discharge), ± 8 kV (direct discharge)	
Drop		1.2m drops to concrete (for six sides, one drop per side) 1.5m drops to concrete with protective sleeve (for six sides, one drop per side)	
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 (≥5mil)	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	Code128 (12.5mil) 90mm-330mm; EAN13 (13mil) 50mm-300mm PDF417 (6.7mil) 50mm-135mm; QR (15mil) 20mm-210mm	
Wireless	WLAN RADIO	IEEE 802.11 a/b/g/n/ac, 2.4GHz and 5GHz	
	WPAN RADIO	Bluetooth 5.0 BLE	
Optional Accessories		Protective sleeve, AC adapter, cable, wrist lanyard	

Specifications are subject to change without notice.

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