



NLS-MT37H

PORTABLE DATA COLLECTOR

FEATURES

○ **Excellent Performance**

The NLS-MT37H 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-MT37H's rugged housing can withstand 1.2m drops to concrete.

○ **User-focused Ergonomics**

The user-focused ergonomic design renders a lightweight and well-balanced device that reduces stress and fatigue during extended

○ **Superior Barcode Reading Performance**

Equipped with Newland's self-developed high performance barcode reading engine, the NLS-MT37H can decode even poorer quality barcodes, such as soiled or wrinkled labels, with ease. Also, the decoding efficiency is much higher.

○ **Easy-disinfect Shell**

Fit for environment where is frequently cleaned with disinfectant, please refer to the antibacterial species listed on the back.



2D Barcode



1D Barcode



Android



GPS



WiFi Dual Band



Bluetooth



Drop



Touch

NLS-MT37H

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
Symbologies	2D	Aztec, Composite, CS Code, Maxicode, Micro PDF, Micro QR, PDF 417, QR Code, Data Matrix, DotCode.
	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.
Depth of Field	Code128	90mm-330mm(12.5mil)
(Depend on Barcode and Environment)	EAN13	50mm-300mm(13mil)
	PDF17	50mm-135mm(6.7mil)
	QR	20mm-210mm(15mil)

Physical/Electrical

Dimensions (L×W×H)	158(L) × 59(W) × 18.3(H) mm
Weight	170g (including battery)
Display	2.8" (320×240) capacitive touch screen
Keypad	24 keys
Notification	Vibrator, speaker and multi-color LEDs
Camera	8 megapixel, auto focus, flashlight
Battery	3.8V, 3300mAh (non-removable)
GPS	GPS (AGPS), GLONASS, Beidou
Multimedia	Speaker * 1, Microphone * 1
AC Adapter (Optional)	Fast Charging Supported
Card Slot(For 4G Version)	SIM * 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)
Antibacterial Species	Escherichia coli, staphylococcus aureus

Wireless

WLAN RADIO		Built-in 802.11 a/b/g/n/ac, support 2.4G and 5G dual frequency
WWAN RADIO(For 4G Version)	2G	GSM: 850/900/1800/1900MHz
	3G	WCDMA (B1, B2, B5, B8); TD-SCDMA (B34, B39)
	4G	TDD-LTE (B34, B38, B39, B40, B41) FDD-LTE (B1, B2, B3, B5, B7, B8, B20, B28)
WPAN RADIO		Bluetooth 5.0 BLE
NFC(For 4G Version)	13.56MHz	ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693

Accessory (Optional)

AC adapter, cable, wrist lanyard

Temp. Measurement

Contactless infrared type, accuracy ±0.2°C, measurement time <1s, measurement distance 0-6cm

Specifications are subject to change without notice.

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