

# NLS-MT65

## Portable Data Collector



### Features

#### ■ Rugged Construction

The NLS-MT65's rugged housing is sealed to IP65 standards for protection against dust and water and withstands 1.2m drops to concrete.

#### ■ Extended Battery Life

The NLS-MT65 provides a full-shift battery life of up to 10 hours.

#### ■ Superior Barcode Reading Performance

When equipped with Newland's fifth-generation **UIMG**<sup>®</sup> technology, the new NLS-MT65 can decode even poorer quality barcodes, such as soiled or wrinkled labels, with ease.

#### ■ Heavily Customized Android

The value-added features of the NLS-MT65, including application protection and admin tool, seek to shore up Android's data security.

#### ■ Diverse Functionalities

The NLS-MT65 offers 1D/2D/BT/Wi-Fi/4G /3G /GPS/Camera/NFC functionalities to meet various application needs.

### Application Scenarios

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

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<b>Performance</b>	Processor	1.5GHz quad-core processor	
	Operating System	Android 8.1	
	Memory	3GB RAM, 32GB ROM	
	Interface	Micro USB 2.0, battery charging over USB supported	
<b>Physical</b>	Dimensions	166(L) × 73(W) × 26(H) mm	
	Weight	330g (including battery)	
	Display	4" WVGA (800×480) capacitive touch screen	
	Keypad	30 keys (side keys included) with backlight	
	Notification	Vibrator, speaker and multi-color LEDs	
	Battery	3.7V, 3800mAh	
	Expected Battery Life	10 hours	
	Expected Charge Time	4.5-5 hours (charge via AC adapter)	
	Camera	8 megapixels, auto focus, with LED flashlight	
	GPS	GPS (AGPS)	
	Expansion	Micro SD card (max. 128GB) slot	
	AC Adapter	Output: DC5V, 2.0A Input: AC100~240V, 50~60Hz	
	<b>Environmental</b>	Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature		-30°C to 70°C (-22°F to 158°F)	
Humidity		5% to 95% (non-condensing)	
Static Discharge		±15 kV (Air discharge), ±8 kV (Direct discharge)	
Drop		1.2m drops to concrete (for six sides, one drop per side)	
Sealing		IP65	
<b>Barcode Scanning</b>	2D Scan Engine Laser Aiming Mega-pixel	<b>1D:</b> 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. <b>2D:</b> Aztec, Composite, CS Code, Maxicode, Micro PDF, Micro QR, PDF 417, QR Code, Data Matrix, DotCode.	
<b>Depth of Field</b>	Depends on Barcode Type and Environment	Code39(20mil) 90mm-580mm; EAN13(13mil) 45mm-380mm Code39(5mil) 75mm-180mm; DM(10mil) 50mm-180mm PDF417(6.7mil) 70mm-170mm; QR(15mil) 40mm-220mm	
<b>RFID</b>	13.56MHz RFID	ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693	
<b>Wireless</b>	WLAN RADIO	IEEE 802.11 a/b/g/n, 2.4GHz and 5GHz	
	WWAN RADIO	2G	GSM(B2, B3, B5, B8)
		3G	WCDMA (B1, B2, B5, B8); CDMA2000 1X/ EV-DO Rev. A (BC0); TD-SCDMA(B34, B39)
		4G	TD-LTE (B38, B39, B40, B41) FDD-LTE (B1, B2, B3, B5, B7, B8, B20, B28 a&b)
WPAN RADIO	Bluetooth 4.2 LE (Backward-compatible)		
<b>Optional Accessories</b>	Battery, AC adapter, cable etc.		

Specifications are subject to change without notice.

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