

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**[®] 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/WiFi/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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Performance	Processor	1.5GHz quad-core processor	
	Operating System	Android 8.1	
	Memory	2GB RAM, 16GB ROM	
	Interface	Micro USB 2.0, Battery charging over USB supported	
Physical	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	
	Environmental	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	
Barcode Scanning	2D Scan Engine	All major 1D symbologies, 2D symbologies: PDF417, QR Code, Data Matrix, etc.	
	Laser aiming Mega-pixel		
Depth of field	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	
RFID	13.56MHz RFID	ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693	
Wireless	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)	
Optional Accessories	Battery, AC adapter, cable etc.		

Specifications are subject to change without notice.

2020/05/28 Version:V1.3

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