Newland AIDC
Scanning Made Simple

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.

○ **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/Wi-Fi/4G /3G /GPS/Camera/NFC functionalities to meet various application needs.

| 2D Barcode | 1D Barcode | Android | 4" Color Screen | GPS | IP 65 | 4G | WiFi |

NLS-MT65

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/Electrical

Dimensions (L×W×H)	166 ×73 ×26 mm
Weight	330g (including battery)
Display	4"WVGA (800×480) capacitive touch screen
Keypad	30 keys (side keys included) with backlight
Notification	Vibration, 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℃ to 50℃ (-4ºF to 122ºF)
Storage Temperature	-30℃ to 70℃ (-22ºF to 158ºF)
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 Laser aiming Mega-pixel	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. 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	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

NFC

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, B4, B5, B8)
		CDMA2000 1X/ EV-DO Rev. A (BC0, BC1)
	4G	TD-LTE (B41); FDD-LTE (B2, B3, B4, B7, B12, B13, B17)
WPAN RADIO		Bluetooth 4.2 LE (Backward-compatible)

Optional Accessories

Battery, AC adapter, cable etc.	

Specifications are subject to change without notice.   2020/4/17   Version: V1.3

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