Newland AIDC
Scanning Made Simple

NLS-MT90

HEALTH CARE MOBILE COMPUTER

FEATURES

○ **Rugged Construction**

The NLS-MT90's rugged housing is sealed to IP65 standards for protection against dust and water and withstands 1.5m drops to concrete.

○ **Customized Android**

The value-added features of the NLS-MT90, including application protection and admin tool, seek to shore up Android's data security.

○ **Excellent Performance**

The NLS-MT90 is equipped with octa-core high-performance processor and 4GB RAM + 64GB ROM storage configuration, which make application running and data processing faster.

○ **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   1.5m Drop   GPS   IP 65   4G   WiFi

NLS-MT90

Performance

Processor	1.8GHz, octa core 64-bit processor
Operating System	Android 10.0
Memory	4GB RAM, 64GB ROM
Interface	Micro USB 2.0 OTG and Cradle Charging Contacts at the bottom

Physical/Electrical

Dimensions (L×W×H)	Maximum Size: 155 × 78 × 20mm;
	Handheld Size: 155 × 76 × 18mm
Weight	265g (including battery)
Display	5" (1280×720) capacitive touch screen
Keypad	10 keys (side keys included)
Notification	Vibrator, speaker and multi-color LEDs
Battery	3.8V, 4500mAh
Camera	Front camera: 2 megapixels, fixed focus
	Rare camera: 13 megapixels, auto focus, with LED flashlight
GPS	GPS (AGPS)/GLONASS/Beidou
Expansion	Micro SD card (max. 128GB) slot
AC Adapter	Output: DC5V, 2.0A Input: AC100~240V, 50~60Hz

Environmental

Operating Temperature	-20℃ to 55℃ (-4ºF to 131ºF)
Storage Temperature	-40℃ to 70℃ (-40ºF to 158ºF)
Humidity	5% to 95% (non-condensing)
Static Discharge	±15 kV (Air discharge), ±8 kV (Direct discharge)
Drop	1.5m drops to concrete (for six sides, one drop per side)
Sealing	IP65

Barcode Scanning

2D Barcode CMOS (≥5mil)	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	Code 39 (20mil) 90mm-600mm; EAN 13 (13mil) 60mm-420mm
	Code 39 (5mil) 102mm-205mm; DM (10mil) 110mm-275mm
	PDF 417 (6.7mil) 90mm-173mm; QR (15mil) 40mm-230mm

NFC

13.56MHz RFID	ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693

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Wireless

WLAN RADIO	Bands	Built-in 802.11 a/b/g/n/ac, compatible with 11 d/h/i/k/r/v/w, Support 2.4G and 5G dual frequency
WWAN RADIO	2G	GSM:850/900/1800/1900MHz
	3G	WCDMA: B1/B2/B5/B8
		TD-SCDMA: B34/B39
		CDMA 1x/EVDO: BC0
	4G	FDD-LTE: B1/B2/B3/B5/B7/B8/B20/B28a & b
		TDD-LTE: B38/B39/B40/B41(100M)
WPAN RADIO		Bluetooth 4.2 LE (Backward-compatible)

Accessory (Optional)

AC adapter, Cable, Charging Cradle, Wrist Lanyard, Battery, etc.

Certificates &

Escherichia Coli, Staphylococcus Aureus

Specifications are subject to change without notice.　　　　　　　　　　　　2020/6/01　　Version: V1.1

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