NLS-MT90

Portable Data Collector

1D | **2D** | (Android) | **5.0" Color** | **TOUCH**

((4G)) | **WIFI Dual Band** | **GPS** | **CAMERA**

MICRO SD | (Bluetooth) | **IP65** | **1.5m DROP**

Features

◘ **Rugged Construction**

The NLS-MT90's rugged housing is sealed to IP65 (optional for IP67) standards for protection against dust and water and withstands 1.5m drops to concrete.

◘ **Long Battery Life**

The NLS-MT90 is equipped with a 4500mAh battery that provides a full-shift battery life of up to 10 hours from a single charge. What's more, the battery is changeable which guarantees the all-day continue use of device.

◘ **User-focused Ergonomics**

The user-focused ergonomic design renders a lightweight and well-balanced device that reduces stress and fatigue during extended work sessions. Its multi-position scan buttons provide the most comfort to use for either right- or left-handed operators.

◘ **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. Support 802.11ac band and WIFI 5G band, faster transmission rate and better support for WIFI roaming.

◘ **Diverse Functionalities**

The NLS-MT90 offers 1D/2D/BT/Wi-Fi/4G/3G /GPS/Camera/NFC functionalities to meet various application needs.

◘ **Various Accessory**

The NLS-MT90 provides multi accessory options like charging cradle, trigger handle, RFID handheld reader, and long-range barcode reader etc. to meet various application environment.

Application Scenarios

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

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Performance	Processor	Qualcomm 1.8GHz, octa cores 64-bit processor
	Operating System	Android 10.0
	Memory	4GB RAM, 64GB ROM
	Interface	USB 2.0, 8Pin extended contact on the back
Physical	Dimensions	155(W)×78(D)×20(H) (max dimension); 155(W)×76(D)×18(H) (grip part)
	Weight	265g (including battery)
	Display	5" (resolution 1280×720) capacitive touch screen, corning gorilla glass
	Keypad	10 keys (side keys included)
	Notification	Vibrator, speaker and multi-color LEDs
	Battery	3.8V, 4500mAh (optional for 6500 mAh)
	Camera	Front camera: 2 megapixels; Rear camera: 13 megapixels, auto focus, with LED flashlight
	GPS	GPS(A-GPS)/GLONASS or GPS(A-GPS)/Galileo
	Expansion	Micro SD card (max. 128GB)
	Sensor	Gravity sensor, Light & Proximity sensor
	Card Slot	SIM*1, Micro SIM*1, TF*1
	AC Adapter	Output: DC5V, 2.0A Input: AC100~240V, 50~60Hz
Environmental	Operating Temperature	-20℃ to 55℃ (-4°F to 131°F)
	Storage Temperature	-40℃ to 70℃ (-40°F to 158°F)
	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 or IP67 (Optional)
Barcode Scanning	2D Barcode CMOS (≥5mil)	**1D:** Code128, UCC/EAN-128, AIM-128, EAN-8, JAN-8, EAN-3, ISBN/ISSN, UPC-E, UPC-A, Interleave2/5, ITF-6, ITF-14, Deutsche14, Deutsche12, COOP25, Matrix2/5, Industrial2/5, Standard25, Code39, Codabar/NW7, Code93, Code 11, Plessey, MSI/Plessey, GS1 Databar, etc. **2D:** PDF-417, QR Code, Data Matrix, Chinese sensible code, etc.
Depth of Field	Depends on Barcode Type and Environment	Code39(20mil) 90mm-600mm; EAN13(13mil) 60mm-420mm Code39(5mil) 102mm-205mm; DM(10mil) 110mm-275mm PDF417(6.7mil) 90mm-173mm; QR(15mil) 40mm-230mm
RFID	13.56MHz	ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693

Wireless	WLAN	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
		Roaming	Support Fast Roaming
	WWAN RADIO	2G	GSM:850/900/1800/1900MHz
		3G	WCDMA: B1/B2/B5/B8 TD-SCDMA: B34/B39 CDMA 1x/EVDO: BC0

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SCANNING MADE SIMPLE

	4G	FDD-LTE: B1/B2/B3/B5/B7/B8/B20/B28a&b
		TDD-LTE: B38/B39/B40/B41(100M)
	Bluetooth	Dual mode, BT4.2+LE (Backward-compatible)
Accessory	(Optional)	AC adapter, cable, charging cradle, wrist lanyard, 4-slot charger, etc.
Certificates & Protection	Certificates	CE, FCC, BIS, RoHS2.0, REACH2.0, AER, SOTI, UN38.3, IEC62471

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