NLS-MT90

Portable Data Collector

1D · **2D** · Android · **5.0" Color** · **TOUCH** · **WIFI Dual Band**

4G Dual SIM · **GPS** · **GPRS** · Bluetooth · **CAMERA** · **MICRO SD**

MICRO USB · **IP65** · **1.5m DROP** · **4500mAh**

Features

◘ **Superior Barcode Reading Performance**
Armed with Newland's sixth-generation of **UIMG®** technology and its state-of-the-art 2D mega-pixel engine, the new NLS-MT90 can decode even poorer quality barcodes, such as soiled or wrinkled labels, with ease.

◘ **User-focused Ergonomics**
The user-focused ergonomic design of the NLS-MT90 renders a lightweight and well-balanced device that reduces stress and fatigue during extended work sessions. Its ergonomically positioned side scan buttons provide the most comfort to use for either right- or left-handed operators.

◘ **Diverse Functionalities**
Beyond the flexibility of its dual SIM card system, the NLS-MT90 offers Bluetooth/ 1D/2D/BT/Wi-Fi/ 4G/3G/GPS/Camera/NFC functionalities to meet various application needs.

◘ **Long-lasting 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.

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

◘ **5" Multi-color Capacitive Touch Screen**
The NLS-MT90 with tempered glass and IPS display boasts a good viewing angle and is quite legible for indoor and outdoor use.

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

Application Scenarios

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

NLS-MT90

Portable Data Collector

Performance	Processor	1.5GHz quad-core 64-bit processor
	Operating System	Android 8.1
	Memory	2GB RAM, 16GB ROM
	Interface	Micro USB 2.0 OTG
Physical	Dimensions	Maximum Size: 155(L) × 78(W) × 20(H)mm; Handheld Size: 155(L) × 76(W) × 18(H)mm
	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
	Expected Battery Life	10 hours
	Expected Charge Time	<5 hours (charge via AC adapter)
	Camera	8 megapixels, auto focus, with LED flashlight
	GPS	GPS (AGPS), GLONASS
	Expansion	Micro SD card (max. 128GB) slot
	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
Barcode Scanning	Laser Aiming Mega-pixel	**1D:** Code128, UCC/EAN-128, AIM-128, EAN-8, JAN-8, EAN-3, ISBN/ISSN, UPC-E, UPC-A, Interleave 2/5, ITF-6, ITF-14, Deutsche 14, Deutsche 12, COOP25, Matrix2/5, Industrial2/5, Standard25, Code39, Codabar/NW7, Code 93, Code 11, Plessey, MSI/Plessey, GS1 Databar, etc. **2D:** PDF417, QR Code, Data Matrix, 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 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 (850/900/1800/1900MHz); 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, B28a&b)
	WPAN RADIO	Bluetooth 4.2 LE (Backward Compatible)
Optional Accessories		Battery, AC adapter, cable, etc.

LINE@ @cps.co.th

Computer Peripheral and Supplies Ltd.

244 Soi Pattanakarn 53, Pattanakarn, Suanluang, Bangkok 10250 Thailand
Tel : (66) 0-2322-9535, 0-2722-4040 Fax : (66) 0-2322-7990
www.cps.co.th • www.facebook.com/cps.co.th