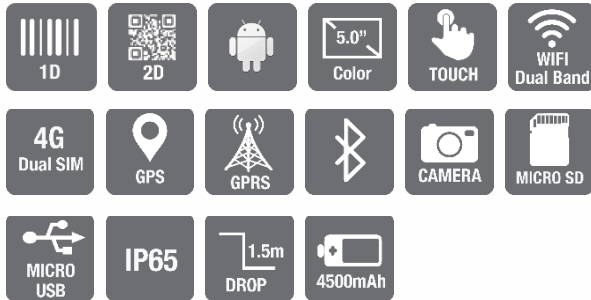


NLS-MT90

Model: MT9050-2WE/MT9050-2WA

Portable Data Collector



Features

■ 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.

■ 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.

■ 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.

■ Large High Resolution Touch Screen

The NLS-MT90 has a 5-inch toughened glass capacitive touch screen that delivers crystal clear images with unmatched brightness and sharpness in both indoor and outdoor environments and allows a wide viewing angle to ensure maximum visibility.

■ 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.

■ Diverse Functionalities

Beyond the flexibility of its dual SIM card system, the NLS-MT90 offers Bluetooth/ dual band WiFi 2.4GHz and 5GHz/ 4G/ 3G/ GPS/ GPRS/ Camera/ NFC functionalities to meet various application needs.

Application Scenarios

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

NLS-MT90

SCANNING MADE SIMPLE

Portable Data Collector

Performance	Processor	1.3GHz quad-core 64-bit processor		
	Operating System	Android 5.1 (64-bit)		
	Memory	2GB RAM, 16GB ROM		
	Interface	Micro USB 2.0 OTG, Battery charging over USB supported		
Physical	Dimensions	Maximum Size: 155(L) × 78.5(W) × 20.5(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)		
	Expansion	Micro SD card (max. 32GB) slot		
	AC Adapter	Output: DC5V, 2.0A Input: AC100~240V, 50~60Hz		
	Environmental	Operating Temperature	-20°C to 55°C (-4°F to 131°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		1.5m drops to concrete, 1.8m drops to concrete with rubble boot		
Sealing		IP65		
Barcode Scanning	2D scanner	1D: Code 128, UCC/EAN-128, AIM 128, EAN-8, JAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 25, ITF-6, ITF-14, Deutsche 14, Deutsche 12, COOP 25, Matrix 25, Industrial 25, Standard 25, Code 39, Codabar/NW7, Code 93, Code 11, Plessey, MSI/Plessey, GS1 Databar.		
	CMOS(≥5mil)	2D: PDF417, QR Code, Data Matrix, Chinese Sensible Code, etc.		
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	MT9050-2WE	MT9050-2WA	
		2G: GSM/GPRS/EDGE (850/900/1800/1900MHz) 3G: WCDMA (B1, B2, B5, B8) TD-SCDMA (B34, B39) CDMA2000 1X/ EV-DO Rev. A (BC0) 4G: TD-LTE (B38, B39, B40, B41) FDD-LTE (B1, B3, B7, B8, B20)	2G: GSM/GPRS/EDGE (850/900/1800/1900MHz) 3G: WCDMA (B2, B4, B5, B8) 4G: TD-LTE (B38, B39, B40, B41) FDD-LTE (B2, B4, B5, B7, B12, B17)	
WPAN RADIO	Bluetooth 4.0 LE			
Optional Accessories	Charging Cradle, Pistol Grip, Rubber Boot, Battery, AC Adapter, Cable, Wrist Strap, Hand Strap.			

Specifications are subject to change without notice.

Version: V1.0

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