

# NLS-MT65

Model: MT6550-1W/3W/4W

## 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.

#### ■ Extended Battery Life

The NLS-MT65 provides a full-shift battery life of up to 10 hours.

#### ■ Superior Barcode Reading Performance

Armed with Newland's fifth-generation of **UIMG**<sup>®</sup> technology, the NLS-MT65 can decode even poor quality barcodes, such as soiled or wrinkled barcodes, 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 Bluetooth/ dual band WiFi 2.4GHz and 5GHz / 4G/ 3G/ GPRS/ GPRS/ Camera functionalities to meet various application needs.

#### ■ Accessories

For your convenience, the NLS-MT65 can be used with a pistol grip and a charging cradle.

#### ■ Current models released

- MT6550-1W (1D Laser)
- MT6550-3W (1D CCD)
- MT6550-4W (2D CMOS)



### Application Scenarios

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

## Portable Data Collector

<b>Performance</b>	Processor	1.3GHz quad-core 64-bit processor		
	Operating System	Android 5.1 (64-bit)		
	Memory	1GB RAM, 8GB ROM		
	Interface	Micro USB 2.0, Battery charging over USB supported		
<b>Physical</b>	Dimensions	166(L) x73(W) x26(H) mm		
	Weight	330g (including battery)		
	Display	4" WVGA (800x480) capacitive touch screen		
	Keypad	30 keys (side keys included) with backlight		
	Notification	Vibrator, speaker and multi-color LEDs		
	Battery	3.7V, 3700mAh		
	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		
	Expansion	Micro SD card (max. 32GB) slot		
	AC Adapter	Output: DC5V, 2.0A Input: AC100~240V, 50~60Hz		
	<b>Environmental</b>	Operating Temperature	-20°C to 50°C (-4°F to 122°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		1.2m drops to concrete (for six sides, one drop per side)		
Sealing		IP65		
<b>Barcode Scanning</b>	1D Barcode	CCD (≥4mil) Laser (≥4mil)	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.	
	2D Barcode	CMOS(≥5mil) with laser aimer	All major 1D symbologies, PDF417, QR Code, Data Matrix, etc.	
<b>RFID</b>	13.56MHz RFID	ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693		
<b>Wireless</b>	WLAN RADIO	IEEE 802.11 a/b/g/n, 2.4GHz and 5GHz		
	WWAN RADIO	2G	GSM/GPRS/EDGE: B2, B3, B5, B8 (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, B3, B7, B20)	
	WPAN RADIO	Bluetooth 4.0 LE		
<b>Optional Accessories</b>	Charging cradle, battery, AC adapter, cable, wrist strap, shoulder strap, scanner pistol grip.			

Specifications are subject to change without notice.

For a complete listing of all supported bar code symbologies, please refer to the user guide.

Version:V3.0