Newland
SCANNING MADE SIMPLE

1D	2D	Android	5.0" Color
IP65	1.5M DROP	4G	WIFI Dual Band
RFID HF 13.56 Mhz	Bluetooth	GPRS	GPS
8MP Camera	Micro SD	USB	4500mAh

MT90 Orca
Android mobile computer

FEATURES

buckets ®
BY NEWLAND EMEA

Full touch screen mobile computer.

The MT90 Orca is an Android mobile computer that packs all of the latest hardware in a modern and user-friendly design. It is a light and durable device with a 5" capacitive touch screen. Equipped with a familiar user interface and the exterior of a consumer phone, the MT90 Orca is easy to set up and use right out of the box.

Snappy 1D and 2D barcode scanning.

Developed for quick and efficient barcode scanning, the MT90 Orca ensures maximum productivity. Its scan engine is built in at the top of the device and can be triggered with a virtual button on the screen or a physical button on the side of the device for easy point-and-shoot scanning.

Reliable all day use.

The MT90 Orca has a 3.8V 4500 mAh battery that allows you to use the device all day without problem. Additionally, the battery is replaceable, allowing you to use a spare battery if needed.

Business-class durability.

The MT90 is built to withstand dusty environments and inevitable bumps and drops. It has a rating of IP65 and has been drop tested up to 1.5m, ensuring longer and more reliable use.

Buckets: Newland's MDM software.

Buckets allows you to monitor and manage all devices in the field from one central administrated location. This MDM software enables you to distribute your APK's, change OS version or settings and many other functions. Buckets MDM software is pre-installed on the MT90 Orca and includes up to 7 years license-free use.

Accessories that match your operations.

A wide range of accessories ensure the MT90 Orca suits your application and operating environment perfectly.

Included: single slot charging & communication (USB) cradle, rubber boot, hand strap and wrist lanyard.

Optional: pistol grip, holster and Ethernet cradle.

Application Scenarios

Tracking location and details of maintenance work ● direct delivery ● ticket redemption ● mobile sales and other applications in retail ● logistics ● transport ● manufacturing and healthcare.

Performance	Processor		1.3GHz quad-core 64-bit processor
	Operating System		Android 7.0
	Memory		2GB RAM, 16GB ROM
	Interface		Micro USB 2.0 OTG, Battery charging over USB supported
Physical	Dimensions		155(L) × 78.5(W) × 20.5(H)mm
	Weight		260g (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), Beidou
	Expansion		Micro SD card (max. 32GB) 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		-30℃ to 70℃ (-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 (for six sides, one drop per side)
	Sealing		IP65
Barcode Scanning	2D scanner	CMOS(≥5mil)	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. 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	2G	GSM/GPRS/EDGE (900/1800MHz)
		3G	WCDMA (B1, B8); CDMA2000 1X/ EV-DO Rev. A (BC0); TD-SCDMA (B34, B39)
		4G	TD-LTE (B38, B39, B40, B41) FDD-LTE (B1, B3)
	WPAN RADIO		Bluetooth 4.0 LE
Acessories	Standard		Charging & communication (USB) cradle, rubber boot, battery, AC adapter, cable, hand strap, wrist lanyard.
	Optional		Charging & communication (Ethernet) cradle, pistol grip, holster.

Specifications are subject to change without notice.

Version: V1.0