Newland AIDC
SCANNING MADE SIMPLE

1D & 2D
Android 10
AER
Megapixel
GMS
Laser aimer
5.0" screen
Touchscreen
Micro USB
4500 mAh
Micro SD
Camera
1.5m drop
IP65
4G
WIFI Dual Band
Bluetooth 4.2
NFC
GPS
Ndevor
Acuscan
Warranty 2 Years



MT90 Orca Pro

Mobile Computers

Features

Full touchscreen mobile computer.
Like the rest of its series, the MT90 Orca Pro is an Android mobile computer that packs all of the latest hardware into 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 rugged consumer phone, the MT90 Orca Pro is easy to set up and use right out of the box.

Android Enterprise Recommended (AER).
The MT90 Orca Pro carries Google's AER seal of approval, signalling it keeps pace with performance and security upgrades to its operating system and core functionality. This label, in combination with Newland's free MDM Ndevor, enables clients to maintain secure visibility and control over their devices regardless of location. MT90 Orca Pro is also available without Google Mobile Services (GMS), a more streamlined consideration for applications that remain inside the four walls.

Fast Charging and long operating time.
The MT90 Orca Pro has fast charging for its standard 3.8V batteries are replaceable, allowing the user to operate across multiple shifts, day by day.

Powerful and accurate barcode scanning.
The MT90 Orca Pro's megapixel scanner is built in at the top of the device and can be triggered with a virtual button on the screen, physical buttons on the side of the device or via the trigger on the handle of the PG90 Pistol grip. Newland's Acuscan function makes the unit ideal for picking applications.

Business-class durability.
The MT90 Orca Pro is built to withstand dusty environments and inevitable bumps and drops. It has Gorilla® Glass, a rating of IP65 and has been drop tested up to 1.5m, ensuring longer and more reliable use.

Accessories that match your operations.
A wide range of accessories for the MT90 Orca Pro are included in the package, namely: USB cable, battery, rubber boot and multi plug adapter. Various pistol grips, including both UHF and long range, holsters, multi-charging cradles, communication



Suggested industries

Retail
Warehousing
Logistics
Hospitality
Events

MT90 Orca Pro Technical specifications

Data Capture	
1D	All major 1D symbologies
2D	All major 2D symbologies
Image Sensor	1280 x 800 CMOS
Aiming	Red LED (650nm laser diode)
Illumination	White LED
Performance	
Operating System	Android 10 - GMS, Android Enterprise Recommended (AER)
Processor	Qualcomm Snapdragon 1.8GHz octa-core 64-bit
Memory RAM	4GB
Memory Flash	64GB
Memory Storage Expansion (max.)	Micro SD card (max. 128GB)
Physical	
Battery Type	3.8V, 4500mAh
Buttons	Side Keys Volume+ ,Volume- , Left Scan Key, Right Scan Key, Power Button, Function Key, Keypad (4 Keys)
Camera	Front 2.0 megapixels, Rear 13 megapixels, autofocus, with LED flashlight
Dimensions (mm)	155(W) x 78(D) x 20(H)mm
Display	5" full colour (1280x720)
Expansion Slot	Micro SD card (max. 128GB)
Interfaces	Micro USB
Keypad	10 keys (side keys included)
Notifications	Vibrator, speaker and multi-color LED
Power Supply Input	AC110 ~ 220V, 50~60Hz
Power Supply Output	DC5V,2A
Touch Panel	Capacitive touch screen, Gorilla® Glass
Weight	265g (including battery)

Newland AIDC EMEA

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Feel free to contact us or a partner near you

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Specifications are subject to change without notice

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MT90 Orca Pro Technical specifications

Wireless	
WWAN RADIO	2G: GSM (850/900/1800/1900MHz) 3G: WCDMA (B1, B2, B5, B8),TD-SCDMA (B34, B39), CDMA 1x/EVDO (BC0) 4G: TDD-LTE (B38, B39, B40, B41(100m)), FDD-LTE (B1, B2, B3, B5, B7, B8, B2, B28a&b)
WLAN RADIO	802.11 a/b/g/n/ac, compatible with d/h/i/k/r/v/w, support 2.4GHz and 5GHz
WPAN RADIO	Bluetooth 4.2 LE, backward compatible
RFID	13.56MHz RFID ISO14443A/B, MI FARE, FeliCa, NFC Forum Tags, ISO15693
GPS	Galileo, GLONASS, GPS (AGPS)
Environmental	
Operating Temperature	-20°c to 55°C (-4°F to 131 °F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	±15 kV (air discharge), ±8 kV (direct discharge)
Drop	1.5m
IP Rating	IP65
Accessories	
Standard	Battery, AC adapter, USB cable, Rubber Boot
Optional	Charging Cradle, Pistol Grip, Long Range Pistol Grip, UHF Pistol Grip, Wrist Strap, Hand Strap, 3 Slot Cradle, 4 Slot Battery Charger, High Capacity Battery
Software	
MDM (certified)	Ndevor, SOTI, Airwatch
Terminal Emulation (compatible)	StayLinked, IVANTI Velocity
Configuration Tools	Ndevor
Warranty	
Standard	2 years

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