Newland AIDC
SCANNING MADE SIMPLE

MT90 Orca III

Terminales portátiles

1.5m drop | 1D & 2D | 4,500 mAh | 4G | 5.0" screen | Acuscan

Android 11 | Bluetooth 5.0 | Camera | Dual-Band Wi-Fi | GMS | GPS

IP65 | Laser Aimer | Megapixel | Micro SD | Ndevor | NFC

Touchscreen | USB-C | Warranty 2 Years

Features

Full touchscreen mobile computer.
The MT90 Orca III 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 III is easy to set up and use right out of the box.

Megapixel barcode scanning.
Developed for quick and efficient barcode scanning, the MT90 Orca III ensures maximum productivity. Its megapixel 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 with a replaceable battery.
The MT90 Orca III 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 Orca III 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, or 1.8m with a rubber boot, ensuring longer and more reliable use.

GMS.
The MT90 Orca III offers Google Mobile Services (GMS) with integrated Google applications such as Gmail, Google Maps and Google Play Store.

Accessories that match your operations.
A wide range of accessories for the MT90 Orca III are included in the package, namely: single slot charging & communication (USB) cradle, rubber boot, hand strap and wrist lanyard. Pistol grip, UHF pistol grip, long-range pistol grip and holsters are optional.

2 Years Full Warranty | Ndevor NEWLAND SOFTWARE | SOTI MOBICONTROL | Ivanti Validated | Google GMS

TECHNICAL SPECIFICATIONS

MT90 Orca III

Captura de datos

1D	All major 1D symbologies
2D	All major 2D symbologies
Puntero	Diodo láser
Iluminación	LED blanco (625±10 nm)
Sensor de imagen	1280 x 800 CMOS
Modos de escaneado	Modo de disparo
Velocidad de lectura	60 frames per second

Rendimiento

Sistema operativo actual	Android 11, GMS
Memoria flash	64GB
Memoria RAM	4GB
Expansión del almacenamiento de memoria (máx.)	Micro SD card (max. 128GB)
Procesador	2.0 GHz octa-core, 64-bit

Físico

Audio	Altavoz, Micrófono
Conector de audio	Conector para auriculares de 3,5 mm
Tipo de batería	3.8 V, 4500 mAh, swappable
Botones	Side Keys Volume+, Volume-, Left Scan Key, Right Scan Key, Power Button, Function Key, Keypad (4 Keys)
Dimensiones (mm)	155(W) × 78(D) × 20(H) mm
Pantalla/Panel táctil	5” full colour (1280 × 720), Capacitive touchscreen
Ranura de expansión	Micro SD card (max. 128GB)
Autonomía de la batería prevista	10 hours
Tiempo de carga previsto	5 hours (charge via AC adapter)
Interfaces	USB-C
Teclado	10 teclas
Notificaciones	Altavoz, LED multicolor, Vibración
Entrada de fuente de alimentación	AC 100 to 240 V (50 to 60 Hz)
Salida de fuente de alimentación	DC5 V, 2 A
Cámara trasera	8 MP, Enfoque automático, Flash LED
SIM/TF	Dual SIM: 1 SIM card, 1 Micro SIM Card
Panel táctil	Pantalla táctil capacitiva
Peso	270 g (including battery)

Inalámbrico

GPS	GPS (AGPS), GLONASS
RFID	13.56MHz RFID ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693
RADIO WLAN	IEEE 802.11 a/b/g/n/ac, compatible with 11 d/h/i/k/r/v/w, support 2.4GHz and 5GHz

RADIO WPAN	Bluetooth 5.0 (backward compatible)
RADIO WWAN	2G: GSM:850/900/1800/1900MHz; 3G: WCDMA: B1/B2/B5/B8; TD-SCDMA: B34/B39; CDMA 1x/EVDO:BC0; 4G: FDD-LTE: B1/B2/B3/B5/B7/B8/B20/B28; TDD-LTE: B34/B38/B39/B40/B41

Medioambiental

Caídas	1.5 m
Caída con protección de goma	1.8 m
Descarga electroestática (ESD)	±15 kV (descarga en aire), ±8 kV (descarga directa)
Humedad	5 % al 95 % (sin condensación)
Grado de protección IP	IP65
Temperatura de funcionamiento	De -20 °C a 55 °C (de -4 °F a 131 °F)
Temperatura de almacenamiento	De -40 °C a 70 °C (de -40 °F a 158 °F)

Software

Herramientas de configuración	Ndevor
MDM (certificado)	Ndevor, SOTI, Airwatch
Emulación de terminal	StayLinked, Ivanti Velocity

Certificados

Certificaciones Hardware	CE RED, FCC ID, EN 62471, RoHS, Laser safety (Class II)

Garantía

Contrato de servicio integral	3 años, 5 años
Extensión de garantía	+1 año, +3 años
Garantía estándar	2 años

Accesorios

Accesorios opcionales	Base de carga, Empuñadura de pistola, Correa de mano, Funda de muñeca, Cargador de batería de 4 ranuras, Batería, Protector de pantalla
Accesorios estándar	Batería, Adaptador de CA, Cable USB, Funda protectora de goma, Protector de pantalla

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