Newland AIDC
SCANNING MADE SIMPLE

N7 Cachalot Pro

Terminales portátiles

1.8m drop	1D & 2D	4.0" screen	4G	5,100 mAh	Acuscan
AER	Android 10	Bluetooth 4.2	Camera	GMS	GPRS
GPS	IP65	Laser aimer	Megapixel	Micro SD	Ndevor
NFC	Touchscreen	USB-C	Warranty 2 Years	WIFI Dual Band	

Features

Newland's best screen technology.
The 4" HD screen has a high transparency and low reflectivity to give crystal clear images, even in sunlight. The touchscreen responds when wearing gloves and maintains sensitivity even when wet. For added protection, Gorilla Glass 3 makes the N7 Cachalot Pro tougher and more damage resistant, making the device the perfect companion in rough environments.

Android Enterprise Recommended (AER).
The N7 Cachalot Pro carries Google's AER seal of approval, signaling 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.

Fast charging, high-capacity and hot-swappable battery.
The N7 Cachalot Pro supports fast charging for its 5100mAh battery and is hot-swappable. This keeps your program running and your wifi connected, even when taking the battery fully out to exchange it with a new one.

Near and far scanning, acuscan and multi-read mode
The N7 Cachalot Pro offers a choice of megapixel 2D scan engine. The Standard-range version with acuscan provides standard, accurate scanning on codes close-up or smaller items. Alternatively, the Mid-range version is capable of reading codes on boxes and pallets from further away. Both scanners offer Newland's multi-read mode.

Daisy chain charging.
The single cradle is designed to link to up to 3 additional cradles (4 in total), to limit the number of power outlets needed to charge units.

The keys to unlock applications.
The N7 Cachalot Pro is designed to allow tailoring to many different applications for which a physical keyboard is still preferred. It offers the flexibility to choose between a 29, 38 and 47 keypad option (not including side scan buttons). Each of the three configurations are back-lit for high visibility in dark work environments.

Seen and heard.
The applications most suited to the N7 Cachalot Pro are often in noisy environments. To accommodate for this, sound notifications can be adjusted to reach up to 90 decibels. When sound is not wanted, or instead, enough on its own, the device has vibration and a LED color feedback.

TECHNICAL SPECIFICATIONS

N7 Cachalot Pro

Captura de datos

1D	All major 1D symbologies
2D	All major 2D symbologies
Puntero	Diodo láser
Profundidad de campo Code 39 (5mil)	SR: 80 mm - 350 mm; MR: 200 mm - 575 mm
Profundidad de campo Data Matrix (10mil)	SR: 55 mm - 355 mm; MR: 185 mm - 520 mm
Profundidad de campo EAN 13 (13 mil)	SR: 40 mm - 480 mm; MR: 130 mm - 705 mm
Profundidad de campo PDF417 (6.67mil)	SR: 60 mm - 320 mm; MR: 175 mm - 550 mm
Profundidad de campo QR (15mil)	SR: 50 mm - 400 mm; MR: 195 mm - 550 mm
Iluminación	LED blanco (625±10 nm)
Sensor de imagen	1280 x 800 CMOS
Modos de escaneado	Modo de disparo, Modo Sensorial
Velocidad de lectura	60 frames per second

Rendimiento

Sistema operativo actual	Android 10, GMS, Android Enterprise Recommended (AER)
Memoria flash	64GB
Memoria RAM	4GB
Expansión del almacenamiento de memoria (máx.)	Micro SD/TF card (max. 128 GB)
Procesador	1.8 GHz Qualcomm Snapdragon

Físico

Tipo de batería	3.8 V, 5100 mAh, removable
Botones	Two scan buttons (left/right), three touch navigation keys
Dimensiones (mm)	200(W) x 70(D) x 29(H) mm
Pantalla/Panel táctil	4.0" WVGA (800 x 480), Gorilla glass, Supports input with gloves
Ranura de expansión	MicroSD card (max. 128GB)
Autonomía de la batería prevista	Scanning:> 15 hours of continuous operations; standby: 500 hours
Interfaces	Carga rápida (QC) 3.0
Teclado	29 teclas, 38 teclas, 47 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	Type-C 9 V/2 A, 15 V/1.2 A
Cámara trasera	13 MP, Flash LED, Enfoque automático
Sensores	Sensor de gravedad, Interruptor Hall

SIM/TF	Nano+Nano or Nano+TF (4G configurations only)
Panel táctil	Gorilla Glass, Permite introducir datos con guantes
Peso	360 g (including battery)

Inalámbrico

GPS	Beidou, Galileo, GLONASS, GPS (AGPS)
RFID	NFC: 13.36MHz IS014443A/B, MI FARE, Felica, NFC Forum Tags
RADIO WLAN	802.11 a/b/g/n/ac, compatible with 11 d/h/i/k/r/v/w, support 2.4G and 5G dual frequency; Roaming: Super Fast Roaming
RADIO WPAN	Dual mode, Bluetooth 4.2+LE (backward compatible)
RADIO WWAN	2G: GSM: 850/900/1800/1900MHz; 3G: WCDMA: BI/B2/BS/B7/B8/ B20/B28a&b, CDMA lx/EVDO: BCO; 4G: FDD-LTE: BI/B2/B3/BS/B7/B8/B20/B28a&b, TDD-LTE; B38/B39/B40/B41 (100M)

Medioambiental

Caídas	1.8 m
Descarga electroestática (ESD)	±8 kV (descarga directa), ±15 kV (descarga en aire)
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, RoHS 2.0, IEC 60825, FCC, BIS, REACH, AER, SOTI, UN38.3, IEC 62471

Garantía

Garantía estándar	2 años

Accesorios

Accesorios opcionales	Base de carga, Empuñadura de pistola, Cargador de batería de 4 ranuras, Protector de pantalla
Accesorios estándar	Correa de mano, Adaptador múltiple de carga, Cable USB, Batería

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Specifications are subject to change without notice

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