



Newland AIDC
Scanning Made Simple



IX-85

RUGGED TERMINAL

FEATURES

- Rugged**
With a Military grade design the iX85 have a sealing IP67 protection against dust and water and support 1.5m drop to concret.
- Battery Long Runtime**
The iX85 offer more than 16 continuous working time with a 18,900 mAh battery.
- High Performance Barcode Reader**
Integrated with the newest Newland barcode reader generation, the iX85 can read the low quality barcodes such as dirt and wrinkled.
- Highly Stable Android**
With a Android 10, the iX85 is a very strong and stable system, including critical/tools applications looking to seeking to strengthen data security on Android.
- Diverse Functionalities**
The iX85 offer: 2G/3G/4G/BT/GPS/WIFI/FM/ Axial Accelerometer/ Orientation Sensor, Gravity-Linear Acceleration- Rotation and RFID*, *NFC, *Finger Print (*optionals). As well as functionalities to meet the diverse needs of other applications.
- Sun Light Readable**
Equipped with screen that can be read at sun light .



2D Barcode



1D Barcode



Android



1.5m Drop



GPS



4G



WiFi

IX-85

Performance

Processor	ARM Cortex A73 Octa-core (2.0 GHz)
Operating System	Android 10.0
Memory	8GB RAM, 128GB ROM
Interface	Micro USB

Physical

Dimensions	256x159x23mm
Weight	860g (battery included)
Screen	8 inch IPS/AFFS FHD 1920*1200 industrial 1000nit Sunlight -Readable
Keyboard	Android Keyboard
Notifications	Vibration, speaker and multi color LEDs
Battery	10000mAh
Camera	Main: 13 megapixels, auto-focus with flash LED . Back 5 MP
GPS	GPS; support A-GPS/EPO (5-10M)
Expansion Slot	Slot for MicroSD cards (maximum 64GB)
AC Adapter	Output: DC5V, 2.0A Input: AC100-240V, 50-60Hz

Environmental

Operating	-15°C to 50°C (5°F to 122°F)
Storage	-20°C to 70°C (-4°F to 158°F)
Humidity	5%-95% (non condensign)
Drop	Up to 1.5m to concrete (per six sides, one drop by side)
Sealling	IP66 IEC 60529:2013
Certificates	MIL-STD-810G METHOD 516.6-2008 / NOM-019-SCFI-1988

Barcode Scanning

ID Codes	(≥4mil) (optional)	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GSI Databar, Code 39, Code 11, MSI-Plessey, Plessey, y otras simbologías ID.
2D Codes	(≥5mil) (optional)	All 1D symbologies 1D above listed plus PDF-417, QR Code, Data Matrix, Aztec, Maxicode, CSC, etc.

RFID (optional)

13.56MHz RFID	ISO14443A(B), MIFARE, FeliCa, NFC Forum Tags, ISO15693
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Communications and Networking

WLAN RADIO	Dual-band WIFI (2.4GHz/5Ghz) single stream 802.11 a/b/g/n/ac MAC/BB/RF
WWAN RADIO	2G: GSM 850/900/1800/1900,WCDMA 850/2100 3G: WCDMA 3.75G (HSDPA+ 42.2Mbps, HSUPA+ 11.5Mbps),Support WIFI AP Option TD-SCDMA 4G: TD-LTE(B38/39/40/41); FDD LTE(B1/3/7)
WPAN RADIO	Bluetooth v4.2 Low Energy (LE) + EDR/BT 3.0+HS compliance

Accessories Optionals

Accessories Optionals	Vehicle mount charging cradle, desktop battery charging cradle, car ball battery charging bracket, Car hose charging bracket, AC adapter, wrist strap, shoulder strap, hand grip, belt cover.
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*Specifications subject to change without notice.

*For a complete list of all supported codes, refer to the user manual.

Version 1.2

Newland AIDC

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