Newland AIDC
Scanning Made Simple

IX-105

RUGGED TERMINAL

FEATURES

○ **Heavily Customized Android**
The value-added features of the iX105, including application protection and admin tool, seek to shore up Android's data security.

○ **Sunlight-Readable**
The iX105 LCD screen designed with anti- reflective system and 1000NITS technology , allow to read the screen in full sunlight conditions.

○ **Superior Barcode Reading Performance**
Armed with 2D* barcode reader the, iX105 can decode even poorer quality barcodes, such as soiled or wrinkled labels, with ease.

○ **Industrial-grade Durability**
The iX105 rugged housing is sealed to IP67 standards for protection against dust and water and military standard MIL-STD-810G.

○ **Diverse Functionalities**
The iX105 offers 2G/3G/4G/BT/GPS/WIFI/Axial Accelerometer / Orientation-Gravity-Linear-Gyroscope-Rotation-Magnetic Sensors and RFID (LF or HF)*, NFC*, Fingerprint * (*optionals). And functionalities to meet various application needs.

○ **Long-lasting Battery Life**
The iX105 is equipped with a 14600mAh battery that provides a full-shift battery life of up to 10 hours from a single charge.

2D Barcode   1D Barcode   Android   Drop   GPS   4G   WiFi

IX-105

Performance

Proccesor	ARM Cortex A73 Octa-core (2.0 GHz)
Operating System	Android 10.0
Memory	8GB en RAM, 138GB en ROM/Flash
Interface	1 USB C type OTG, 1 USB A type OTG

Physical

Dimensions	320 x 228 x 12mm
Weight	1360g (battery included)
Display	10.1" AFFS/IPS LCD, 1200x1920, CapacitiveTouch Screen (1000NITS)
Keypad	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen
Notification	Vibration, speaker and multi color LEDs
Battery	14600mAh
Camera	Front 13 megapixels, auto-focus with LED flash LED . Back: 5 MP
GPS	GPS; GPS+Glonass+AGPS or GPS+Beidou+AGPS
Expansion Slot	Micro SD card slot (maximum 128 GB)
AC Adapter	Output: DC5V, 2.0A Input: AC100~240V, 50~60Hz

Environmental

Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 80°C (-40°F to 176°F)
Humidity	5%~95% (non condensign)
Drop	Up to 1.2m to concrete (per six sides, one drop by side)
Sealling	IP66 IEC 60529:2013
Certificates Supported	MIL-STD-810G METHOD 516.6-2008 / NOM-019-SCFI-1998

Barcode Scanning

1D Codes	CCD(≥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, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey, y otras simbologías 1D.
2D Codes	CMOS(≥5mil) (optional)	All 1D symbologies 1D above listed plus PDF-417, QR Code, Data Matrix, Aztec, Maxicode, CSC, etc.

RFID (optional)

13.56MHz RFID	Dual-band WIFI (2.4GHz/5Ghz) single stream 802.11 a/b/g/n/ac

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 3G 4G	GSM (B2/3/5/8) , WCDMA (B1/2/5/8) , TDSCDMA (B34/39),TD- LTE (B38/39/40/41; FDD LTE (B1/2/3/4/5/7/20; EVDO,CDMA 1X
WPAN RADIO		Bluetooth v4.2 Low Energy (LE) + EDR/BT 3.0+HS compliance

Accesories Optionals

Accesories Optionals	AC Adapter, USB Cable, Handstrap, ShoulderStrap, Charging Cradle, UHF RFID Module, HF RFID/NFC Module, 134K LF RFID Module, Fingerprint Module, GNSS module/with external antenna, RTD module with external antenna.

Specifications are subject to change without notice.
Version 1.2

Newland AIDC
Scanning Made Simple