

iX105

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.

Application Scenarios

Logistics, express delivery services, warehouse management, retail chains, food traceability, healthcare, distributor management, manufacturing, electricity meter reading, inventory counting.

Industrial-grade Durabilit

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

Diverse Funcionalities

The iX105 offer: 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.

iX105

Rugged Terminal

Performance	Processor	Cortex A53 1.5GHz X4 Quad core 64 bits	
	Operating System	Android 7.0 Nougat	
	Memory	3GB en RAM, 32Gb en ROM/Flash	
	Interface	1 USB C type OTG, 1 USB A type OTG	
Physical	Dimensions	320 x 228 x 12mm	
	Weight	760g (Battery included)	
	Display	10.1" AFS/IPS LCD, 1200x1920, Capacitive Touch Screen (1000NITS) and anti-reflective system	
	Keypad	Android	
	Notification	Vibration, speaker and multicolor LEDs	
	Batrerry	14600mAh	
	Camera	Front 13 megapixels, auto-focus with LED flash LED . Back: 5 MP	
	GPS	GPS; GPS+Glonass+AGPS or GPS+Beidou+AGPS	
	Expansion	Micro SD card slot (maximum 128 GB)	
	AC Adapter	Output: DC5V, 2.0A Input: AC100~240V, 50~60Hz	
Environmental	Operating Temperature	-20°C~60°C	
	Storage Temperature	-40°C~80°C	
	Humidity	5%~95% (non condensation)	
	Drop	Up to 1.2m to concrete (six sides, one drop by side)	
	Sealing	IP67 IEC 60529:2013	
	Certifications Supported	MIL-STD-810G METHOD 516.6-2008 / NOM-019-SCFI-1998	
Barcode Scanning	1D Barcodes	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 Barcodes	CMOS(≥5mil)	Todas las simbologías 1D arriba listadas, PDF-417, QR Code, Data Matrix, Aztec, Maxicode, CSC, etc.
RFID (optional)	13.56MHz RFID	(optional)	ISO14443A(B), MIFARE, FeliCa, NFC Forum Tags, ISO15693
Wireless	WLAN RADIO	Wifi: Dual-band (2.4GHz/5Ghz) 802.11 a/b/g/n 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: v2.1+EDR/BT 3.0+HS compliance/ Bluetooth v4.0 Low Energy (LE)	
Optional Accesories	CA Adapter, USB Cable, Handstrap, Shoulder Strap, 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.

Ver 1.1

Newland Latin America

Tel: +1 239 598 0068
Email: info@newlandla.com
www.newlandamerica.com

Newland Colombia

Tel: +57 321 438 0382
Email: colombia@newlandla.com
www.newlandamerica.com

Newland Chile

Tel: +56 99 3373177
Email: Chile@newlandla.com
www.newlandamerica.com

México, Centro América & Caribe

Tel: +52 155 5432 9079
Email: Mexico@newlandla.com
www.newlandamerica.com