Newland AIDC
SCANNING MADE SIMPLE

SD55 Lynx UHF

Mobile Computers

1.5m drop | 1D & 2D | 4G | 5,800 mAh | 5.5" screen | Android 8.1

Bluetooth 4.1 | Camera | GPRS | IP65 | Laser aimer | Location

Megapixel | Micro SD | NFC | Touchscreen | UHF | USB-C

Warranty 2 Years | WIFI Dual Band

Features

Supports.
1D and 2D barcodes.

Software.
Built on Android 8.1.

Display.
5.5 inch (1440 x 720) 5 point capacitive touch screen.

Processor.
Octa core 2.0GHz CPU.

Memory.
4GB RAM and 64GB ROM memory.

Offers.
Wi-Fi 802.11 a/b/g/n (2.4GHz & 5GHz) dual frequency, camera, NFC, GSM, WCDMA.

Accessories.
Supplied with cradle.

2 Years Full Warranty

TECHNICAL SPECIFICATIONS

SD55 Lynx UHF

Data Capture

1D	Auspost, Bpo, Canpost, Codabar, Code11, Code128, Code32, Code39, Code93, Dutchpost, Ean13, Ean8, Ean128, Int25, Isbt, Iata25, Japost, Msi, Ocr, Planet, Postnet, Strt25, Tlc39, Trioptic, Upca, and Upce

2D	Aztec, Codablock, Code49, Composite, Datamatrix, Maxicode, Micropdf, Pdf417, Qr, and Rss

Performance

Current Operating System	Android 8.1
Memory Flash	64GB
Memory RAM	4GB
Processor	2.0 GHz octa-core

Physical

Audio	Front dual stereo speakers, Volume 90db±3db (test distance 10cm)
Battery Type	5800 mAh
Buttons	Volume keys, function keys (1 left, 1 right), power key
Dimensions	150(W) x 72.5(D) x 15(H) mm
Display	5.5" (1440 x 720), IPS highlight screen
Expansion Slot	Micro SD card slot
Expected Charge Time	PE fast charging, full charge time < 4h
Front camera	5 MP, Full focus
Interfaces	USB-C, OTG
Keypad	5 keys
Notifications	LED, Vibration, Sound
Rear camera	13 MP, Auto focus, High brightness LED flash
Sensors	G-sensor, Proximity sensor, COMPASS, Ambient light sensor
SIM/TF	2 Nano SIM card slots
Touch Panel	5 points capacitive touchscreen
Weight	290 g (with battery)

Wireless

GPS	GPS, BD, GLONASS
NFC	ISO14443A/B, ISO15693
NFC: Reading Distance	0 to 5 cm
RFID	ISO14443A/B, ISO15693, NFC reading distance: 0 to 5cm; UHF: ISO18000-6C, Euro frequency (865MHz - 867MHz), Antenna: 1.5dBi ceramic antenna, Power: working voltage 3.6-5V,RF output 5dBm to 30dBm(1W), 1dbm adjustable, Standby power consumption: about 0.25W, maximum 4W(typical 3.5W), Identification range: indoor >5m, outdoor open environment >3m, Group read rate: >30 tags per second, Inventory speed: >30 tags/sec
WLAN RADIO	IEEE 802.11 a/b/g/n 2.4G 5G dual frequency
WPAN RADIO	Bluetooth 4.1, BLE
WWAN RADIO	FDD-LTE B1/B3/B7, TDD-LTE B38/B39/B40/B41, TDSCDMA B34/B39, WCDMA B1/B2/B5/B8, GSM B2/B3/B5/B8, CDMA1x/CDMA2000 BC0

Environmental

Drop	1.5 m
Electro Static Discharge (ESD)	±8 kV (contact discharge), ±15 kV (air discharge)
Humidity	5% to 95%
IP Rating	IP65

Operating Temperature	-20°C to 55°C (-4°F to 131°F)
Storage Temperature	-30°C to 70°C (-22°F to 158°F)

Certifications

Certifications Hardware	FCC, CCC, CE

Warranty

Warranty Standard	2 Years

Newland AIDC EMEA
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Specifications are subject to change without notice
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