



**SD55 Lynx**  
**UHF**  
Speedata

## 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.



## Suggested industries



Retail



Warehousing



Logistics



Industrial



Transportation

# SD55 Lynx UHF Technical specifications

Data Capture	
Barcode scanning	All major symbologies, including AZTEC, CODABAR, CODE11, CODE128, EAN128, CODE39, CODE49, CODE93, COMPOSITE, DATAMATRIX, EAN8, EAN13, INT25, MAXICODE, MICROPDF, PDF417, POSTNET, OCR, QR, RSS, UPCA, UPCE, ISBT, BPO, CANPOST, AUSPOST, IATA25, CODABLOCK, JAPOST, PLANET, DUTCHPOST, MSI, TLC39, TRIOPTIC, CODE32, STRT25.
Performance	
Operating System	Android 8.1
Processor	Octa-core 2.0GHz
Memory RAM	4GB
Memory Flash	64GB
Physical	
Audio	Front dual stereo speakers, volume 90db ± 3db (test distance 10cm)
Battery Type	5800mAh
Camera	13M Pixels AF Rear camera; High brightness LED flash, 5M Pixels FF Front camera
Dimensions (mm)	150(h) x 72.5(w) x 16.5(d) mm
Display	5.5 inch (720x1440), IPS highlight screen
Expansion Slot	2 Nano SIM card slots, 1 Micro SD card slot
Expected Charge Time	PE fast charging, full charge time < 4h
Interfaces	USB Type-C, OTG
Keypad	2 volume buttons, 2 function buttons (1 left, 1 right), 1 power button
Notifications	Sound, vibration, LED
Sensors	Gsensor, Ambient light sensor, Proximity sensor, COMPASS
Touch Panel	5 points capacitive touch screen
Weight	290g (with battery)
Wireless	
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
WLAN RADIO	IEEE 802.11 a/b/g/n 2.4G 5G dual frequency
WPAN RADIO	Bluetooth 4.1, BLE

## Newland AIDC EMEA

Email address: [info@newland-id.com](mailto:info@newland-id.com)

Feel free to contact us or a partner near you

visit [newland-id.com](http://newland-id.com)

Specifications are subject to change without notice

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RFID	ISO14443A/B, ISO15693, NFC reading distance: 0~5cm; 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
GPS	GPS+BD+GLONASS
Environmental	
Operating Temperature	-20 °C to 55 °C
Storage Temperature	-30 °C to 70 °C
Humidity	5%~95% (non-condensing)
Electro Static Discharge (ESD)	Air discharge ±15kV, contact discharge ±8kV
Drop	1.5m
IP Rating	IP65
Certifications	
Hardware	CCC, CE, FCC
Warranty	
Standard	2 years

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