



SD55 Lynx MD
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



Hospitality



Healthcare



Public Sector

SD55 Lynx MD 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	4500mAh
Camera	13M Pixels AF Rear camera; High brightness LED flash, 5M Pixels FF Front camera
Dimensions (mm)	150(h) x 72.5(w) x 15(d) mm
Display	5.5 inch, 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
Keypad	2 volume keys, 2 function keys (1 left, 1 right), 1 power key
Notifications	Sound, vibration, LED
Sensors	Gsensor, Ambient light sensor, Proximity sensor, COMPASS
Touch Panel	5 points capacitive touch screen
Weight	240g (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
RFID	ISO14443A/B, ISO15693, NFC reading distance: 0~5cm
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	1.5 meters drop to concrete

Newland AIDC EMEA

Email address: info@newland-id.com

Feel free to contact us or a partner near you

visit newland-id.com

Specifications are subject to change without notice

© Newland AIDC EMEA 2025, all rights reserved



SD55 Lynx MD Technical specifications

IP Rating	IP65
Certifications	
Hardware	CCC, CTA, CE, RoHs
Warranty	
Standard	2 years