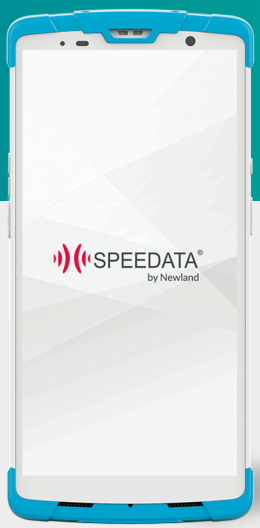
Newland AIDC
SCANNING MADE SIMPLE



SD55 Lynx MD

Mobile Computers

1.5m drop | 1D & 2D | 4,500 mAh | 4G | 5.5" screen | Android 8.1

Antibacterial coating | Bluetooth 4.1 | Camera | GPRS | IP65 | Laser aimer

Location | Megapixel | Micro SD | NFC | Touchscreen | 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 MD

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	4500 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
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	240 g (with battery)

Wireless

GPS	GPS, BD, GLONASS
NFC	ISO1443A/B, ISO15693, NFC reading distance: 0 to 5cm
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 meter drop to concrete
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	RoHS, CCC, CTA, CE

Warranty

Warranty Standard	2 Years

Newland AIDC EMEA
Feel free to contact us or a partner near you.
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Specifications are subject to change without notice

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