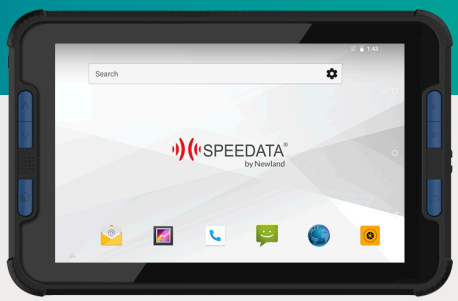
Newland AIDC
SCANNING MADE SIMPLE

SD80 Libra

Touch Panel Computers



1D & 2D | 4G | 8.0" screen | 9,000 mAh | Android 8.1 | Bluetooth 4.1

Camera | Dual-Band Wi-Fi | GPRS | IP65 | Laser Aimer | Location

Megapixel | Micro SD | NFC | Touchscreen | USB-C | Warranty 2 Years

Features

Supports
1D and 2D barcodes.

Software.
Built on Android 8.1.

Display.
8.0 inch (1280 x 800) 5 point capacitive touch screen.

Processor.
Octa core 2.0FHz CPU.

Memory.
4GB RAM and 64GB ROM memory.

Offers.
WiFi 802.11 a/b/g/n (2.4GHz & 5GHz), Bluetooth 4.1, GPS, camera, NFC, GSM, WCDMA.

Accessories.
Elastic hand strap included.

2 Years Full Warranty

TECHNICAL SPECIFICATIONS

SD80 Libra

Data Capture

1D	All major 1D symbologies, including Codabar, Code11, Code128, EAN128, Code39, Code93, EAN8, EAN13, Int25, Postnet, OCR, RSS, UPCA, UPCE, ISBT, BPO, Canpost, Auspost, IATA25, Japost, Planet, Dutchpost, MSI, TLC39, Trioptic, Code32, Strt25
2D	All major 2D symbologies, including Aztec, Code49, Composite, DataMatrix, Maxicode, MicroPDF, PDF417, QR, Codablock
Image Sensor	1280 x 800 CMOS

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	9000 mAh
Dimensions	234(W) x 150(D) x 19.6(H) mm
Display/Touch Panel	8.0” IPS highlight screen, 5 points capacitive touchscreen
Expansion Slot	2 Micro SIM card slots, 1 microSD card slot
Expected Battery Life	Typical working time not less than 10 hours
Expected Charge Time	PE2.0 fast charge
Front camera	5 MP
Interfaces	USB-C, Pogo pins
Keypad	7 keys
Notifications	Sound, LED, Vibration
Pogo Pin	20 Pogo Pins contact
Rear camera	13 MP, Auto focus, High brightness LED flash
Sensors	G-sensor, Ambient light sensor, Proximity sensor, COMPASS
Touch Panel	5 points capacitive touchscreen
Weight	700 g (with battery)

Wireless

GPS	GPS, BD, GLONASS
RFID	ISO14443NB , ISO15693 , NFC Reading distance: 0~5cm
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/B5/B7/B8, TDD-LTE B38/B39/B40/B41, TDSCDMA B34/B39, WCDMA B1/B2/B5/B8, GSM B2/B3/B5/B8, CDMA 1 x/CDMA2000 BC0/BC1

Environmental

Drop	1 meter drop to cement floor
Electro Static Discharge (ESD)	±8 kV (air discharge), ±15 kV (air discharge)
Humidity	5% to 90% (non-condensing)

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	CCC, CE

Warranty

Warranty Standard	2 Years

Newland AIDC EMEA
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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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