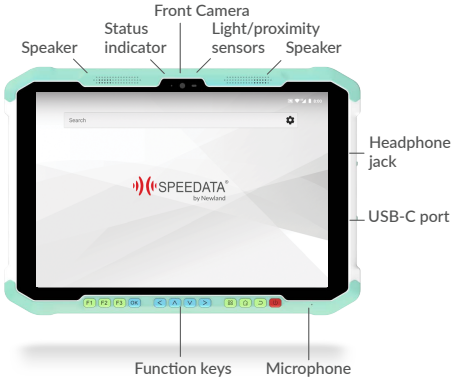
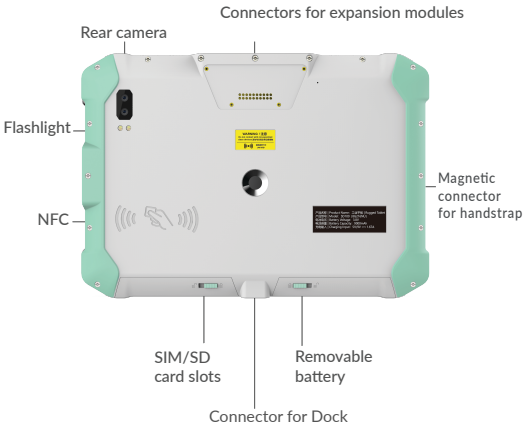
SPEEDATA®
by Newland

SD100 Orion II MD
Quick Guide





Newland EMEA
+ 31 (0) 345 87 00 33
info@newland-id.com

Rolweg 25
4104 AV Culemborg
The Netherlands

newland-id.com

General Specifications

Dimensions	254mm*176mm*17.4mm
Weight	800g
OS	Android 11 GMS (AER)
CPU	Octa-core 2.2GHz
RAM	4GB
ROM	64GB
Camera	5MP Pixels Front camera FF / 13MP Pixels Rear camera AF
Display/ Touchscreen	10.1" IPX 1200*1920 LCD 5 points capacitive touch screen
GPS	GPS/BeiDou/GLONASS
NFC	ISO14443A/B & ISO15693, reading distance: 0~5cm
Battery	9000mAh Li-ion battery

Wireless Specifications

Bluetooth	BT5.1, BLE
Wi-Fi	IEEE 802.11 a/b/g/n/ac 2.4G, 5G Dual band
2G/3G/4G/5G	FDD-LTE B1/B3/B5/B7/B8/ B28A TDD-LTE B34/B38/B39/B40/B41 WCDMA B1/B2/B5/B8 GSM B2/B3/B5/B8 CDMA1x/CDMA2000 BC0 NR N1/N3/N28A/N41/N77/N78/N79

Data Collection

Supported symbologies	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,AUS POST, IATA25, CODABLOCK, JAPOST, PLANET, DUTCHPOST, MSI, TLC39, TRIOPTIC, CODE32, STRT25

Interface

SIM card slot	2 Micro SIM card slot
SD card slot	1 Micro SD card slot, up to 128gb
Earphone jack	3.5mm earphone jack
USB	USB TYPE-C, support OTG
Connectors	Docking, expansion interface

Performance

Working temperature	-20 °C to 55 °C
Storage temperature	-30 °C to 70 °C
Humidity	5%~95%
ESD protection	Air discharge ±15kv, contact discharge ±8kv