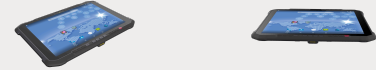






















SD100 Orion II

Touch Panel Computers



-  10" screen
-  1D & 2D
-  5G
-  9,000 mAh
-  Android 11
-  Bluetooth 5.1
-  Camera
-  GPRS
-  IP65
-  Laser aimer
-  Location
-  Megapixel
-  NFC
-  SD
-  Touchscreen
-  USB-C
-  Warranty 2 Years
-  WIFI Dual Band

Features

Supports.
1D and 2D barcodes.

Software.
Built on Android 11 GMS (AER).

Touch screen.
10.0 inch (1920 x 1200) 5 point capacitive touch screen.

Processor.
Octa core 2.2 GHz CPU.

Memory.
4GB RAM and 64GB Flash memory.

Offers.
WiFi 802.11 a/b/g/n/ac (2.4GHz & 5GHz), Bluetooth 5.1, GPS, camera, NFC, GSM, WCDMA.

Accessories.
Magnetic support hand strap for ease of use. Optional cradle.

2 Years Full Warranty

TECHNICAL SPECIFICATIONS

SD100 Orion II

Data Capture

| | |
|----|--------------------------|
| 1D | All major 1D symbologies |
| 2D | All major 2D symbologies |

Performance

| | |
|--------------------------|---|
| Current Operating System | Android 11, GMS, Android Enterprise Recommended (AER) |
| Memory Flash | 64GB |

| | |
|------------|-------------------|
| Memory RAM | 4GB |
| Processor | 2.0 GHz octa-core |

Physical

| | |
|-----------------------|--|
| Audio | Front dual stereo speakers, Volume 90db±3db (test distance 10cm) |
| Audio Jack | 3.5mm earphone jack |
| Battery Type | 9000 mAh |
| Dimensions | 254(W) x 176(D) x 17.4(H) mm |
| Display | 10" (1200 x 1920) IPS highlight screen |
| Expansion Slot | 2 Micro SIM card slots, 1 SD card slot |
| Expected Battery Life | Typical working time not less than 10 hours |
| Expected Charge Time | Fast charging, full charging time <4 hours |
| Front camera | 5 MP |
| Interfaces | USB-C |
| Keypad | 12 keys |
| Notifications | LED, Vibration, Sound |
| Pogo Pin | 20 Pogo Pins contact |
| Rear camera | 13 MP, Auto focus, High brightness LED flash |
| Sensors | G-sensor, Proximity sensor, Ambient light sensor |
| Touch Panel | 5 points capacitive touchscreen |
| Weight | 800 g (with battery) |

Wireless

| | |
|------------|---|
| GPS | GPS, BD, GLONASS |
| NFC | ISO14443A/B , ISO15693 , NFC Reading distance: 0~5cm |
| WLAN RADIO | IEEE 802.11 a/b/g/n/ac 2.4G 5G dual frequency |
| WPAN RADIO | Bluetooth 5.1 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 concrete |
| Electro Static Discharge (ESD) | ±8 kV (contact discharge), ±15 kV (air discharge) |
| Humidity | 5% to 95% (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

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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