



**SD100MD
Orion Plus**
Speedata

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.

Support hand strap for ease of use. Optional charging cradle and vehicle cradle.



Suggested industries



Hospitality



Healthcare



Public Sector

SD100MD Orion Plus Technical specifications

Data Capture

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

Performance

| | |
|------------------|----------------------|
| Operating System | Android 11 GMS (AER) |
| Processor | Octa-core 2.2 GHz |
| Memory RAM | 4GB |
| Memory Flash | 64GB |

Physical

| | |
|-----------------------|--|
| Audio | Front dual stereo speakers, Volume 90db±3db (test distance 10cm) |
| Audio Jack | 3.5mm earphone jack |
| Battery Type | 9000mAh |
| Camera | Rear 13MP AF, high brightness LED flash, front 5MP camera |
| Dimensions (mm) | 254 x 176 x 17.4 mm |
| Display | 10" (1200x1920) 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 |
| Interfaces | USB Type-C |
| Keypad | 12 buttons |
| Notifications | Sound, vibration, LED |
| Pogo Pin | 20 Pogo Pins contact |
| Sensors | Gsensor, Ambient light sensor, Proximity sensor |
| Touch Panel | 5-point capacitive touch screen |
| Weight | 800g (with battery) |

Wireless

| | |
|------------|--|
| 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 |
| WLAN RADIO | IEEE 802.11 a/b/g/n/ac 2.4G 5G dual frequency |
| WPAN RADIO | Bluetooth 5.1 BLE |
| RFID | ISO14443A/B , ISO15693 , NFC Reading distance: 0~5cm; UHF ISO18000-6C, Euro frequency (865MHz - 867MHz), Antenna: 1.5dBi ceramic antenna, Power: 5dBm~30dBm adjustable, 1dbm step, Working range: Indoor >12m, Outdoor >6m, Inventory speed: >200 tags/sec |
| GPS | GPS+BD+GLONASS |

Environmental

| | |
|-----------------------|---------------|
| Operating Temperature | -20°C to 55°C |
| Storage Temperature | -30°C to 70°C |
| Humidity | 5%-95% |

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Specifications are subject to change without notice

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SD100MD Orion Plus Technical specifications

| | |
|--------------------------------|---|
| Electro Static Discharge (ESD) | ± 15kV air discharge , ±8kV contact discharge |
|--------------------------------|---|

| | |
|------|--------------------------|
| Drop | 1 meter drop to concrete |
|------|--------------------------|

| | |
|-----------|------|
| IP Rating | IP65 |
|-----------|------|

Certifications

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|----------|---------|
| Hardware | CCC, CE |
|----------|---------|

Warranty

| | |
|----------|---------|
| Standard | 2 years |
|----------|---------|

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