



# SD917K Handheld PDA

4.7 inch ultra speed scanner.

More powerful and efficient data collection function  
Faster ,more stable data transfer

More reliable and flexible

Using rechargeable dual system,

built-in PDA 3600mAh battery plus gun handle 5200mAh battery,  
can provide continuously more than 12 hours of work with the handle state, to  
ensure that the equipment working normally for 7X24



Super long distance, super fast group reading, super scanning

Equipped with high-performance UHF reading and writing module, with high-sensitivity antenna,  
the reading and writing distance can reach more than 10 meters.

Sign reading rate  $\geq 200$  tags/s;

Equipped with the most powerful barcode scanning engine in the industry: decoding speed  
increased by 50%; AI intelligent dimming & power saving mode;

Far and near depth of field adaptation + wider reading range.

Full configuration upgrade

Enterprise-grade Android 9.0 OS+8-core 2.0GHz CPU, more High-speed multi-tasking,  
bringing better smooth operation;

Upgraded Bluetooth 5.0 connection, faster and more stable, with lower power consumption;  
supports simultaneous connection of multiple Bluetooth devices.

Easier to use, lighter and more flexible

4.7-inch screen, the best golden size for one-handed operation; Ultra HD display, 1280\*720  
resolution;

Shandong Senter Electronic Co., Ltd.

Add: No. 18, Liuyishan Road, New & Hi-tech Area, Zibo City, Shandong Province, China

Tel: 86-533-3589257 Fax: 86-533-358925

## System Configuration

|                              |                                                                                                                                                                         |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                          | Octa-core 2.0 GHz                                                                                                                                                       |
| Operating system             | Android 9.0                                                                                                                                                             |
| Memory (ROM+RAM)             | 16 GB +2 GB (optional 64GB+4GB)                                                                                                                                         |
| SIM                          | Single SIM card                                                                                                                                                         |
| Expansion slot               | Micro SD card, up to 256 GB                                                                                                                                             |
| Display screen               | 4.7 inch, 1280 x 720 high resolution                                                                                                                                    |
| Touch screen                 | Industrial capacitive screen, supporting two-point touch + gesture operation                                                                                            |
| Camera                       | 8 MP autofocus camera in the back side (13 MP optional), 5MP front camera optional                                                                                      |
| Flashlight                   | 800mA flashlight                                                                                                                                                        |
| Battery                      | Host: Lithium battery 3.85V power supply, 4000mAh, non-removable<br>Handle: Lithium battery 3.6V power supply, 5200mAh, detachable<br>*Executive standard: GB31241-2014 |
| Audio                        | Built-in microphone                                                                                                                                                     |
| Charging                     | Type-C charging and pin port charging, 18W fast charging                                                                                                                |
| Vibrating motor              | Built-in programmable vibration motor                                                                                                                                   |
| Prompts                      | Vibrator alerts/LED/Audio notification                                                                                                                                  |
| Sensor                       | G-Sensor/Proximity sensor/Light sensor                                                                                                                                  |
| Intercom function (optional) | Supporting one-button PTT calls                                                                                                                                         |
| Keyboard                     | 9 keys in total, front key*4, side scan key*2, side custom key*2, side power key*1                                                                                      |

## Structure parameters

|           |                                                                                                                 |
|-----------|-----------------------------------------------------------------------------------------------------------------|
| Dimension | PDA + pistol grip: 175mm x 89mm x 165mm                                                                         |
| Weight    | PDA (include battery) + pistol grip (with RFID) 710g<br>PDA (include battery) + pistol grip (without RFID) 530g |

## Input/output Interface

|               |                                    |
|---------------|------------------------------------|
| USB interface | Type-C (with earphone function) *1 |
| PIN interface | Pin interface (back of device) *1  |
| OTG interface | Supporting                         |

## Operating Environment

|                          |                                                 |
|--------------------------|-------------------------------------------------|
| Working temperature      | -20°C~60°C                                      |
| Storage temperature      | -40°C~70°C (Without battery)                    |
| Humidity                 | 0%~95% (no condensation)                        |
| Drop specification       | 1.5m marble floor dropped several times         |
| Protection level         | IP65                                            |
| Electrostatic protection | ±15KV (air discharge), ±8KV (contact discharge) |

## NFC (Optional)

|                        |                        |
|------------------------|------------------------|
| Frequency              | 13.56MHz               |
| Reading distance       | Within 30mm            |
| Communication protocol | ISO14443A/14443B/15693 |

## UHF RFID (Optional)

|                   |                               |
|-------------------|-------------------------------|
| Protocol          | ISO18000-6C/EPC Class1 Gen2   |
| working frequency | 920MHz~925MHz                 |
| Power output      | 5~30dBm                       |
| Antenna           | Circular polarization antenna |
| Reading distance  | Up to 10m                     |
| Reading rate      | Up to 700tags/s               |

## Scan engine

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Barcode               | Support 1D/2D scanning engine                     |
| Scanning accuracy     | ≥3.33mil                                          |
| Scanning angle        | Tilt ±60°, deflection ±60°, rotation 360°         |
| Angular Field of View | Horizontal: 44.3°; Vertical: 28.4°; Diagonal: 51° |
| Motion tolerance      | 8m/s                                              |

## Development Support

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Development language | Java                                                  |
| API                  | SDK iScan API, Device API, Android standard interface |
| Development tool     | Eclipse/Android Studio                                |

## Accessories

|                      |                                                                    |
|----------------------|--------------------------------------------------------------------|
| Standard accessories | Charger, Hand strap, Protective film, Battery                      |
| Optional accessories | Handle grip, Dock station, Small dock station, Dock station (Four) |



**Communicationtransmission**

|                   |                                                                         |
|-------------------|-------------------------------------------------------------------------|
| Network frequency | Support European ,Asian ,American multi-frequency band                  |
| Data service      | GSM/GPRS/EDGE/CDMA/UMTS/HSPA /HSPA+/EVDO/WCDMA/TD-SCDMA/TDD-LTE/FDD-LTE |
| WLAN              | Wi-Fi 802.11ac/a/b/g/n/r 5G PA (Dual-band Wi-Fi:2.4G+5G)                |
| Bluetooth         | Bluetooth 5.0                                                           |
| GPS               | GPS/AGPS/Beidou Compass/Galileo/ Glonass                                |



Shandong Senter Electronic Co., Ltd.

Add: No. 18, Liuyishan Road, New &Hi-tech Area, Zibo City, Shandong Province, China

Tel: 86 13864445371

Email: [anthea@senter.com.cn](mailto:anthea@senter.com.cn)

Web: [www.senter-e.com](http://www.senter-e.com)

## Standard accessory



Charger



Charger



Hand strap



Battery

## Optional accessory



Handle grip



Dock station



Small dock station



Dock station(Four)

Shandong Senter Electronic Co., Ltd.

Add: No. 18, Liuyishan Road, New & Hi-tech Area, Zibo City, Shandong Province, China

Tel: 86 13864445371

Email: [anthea@senter.com.cn](mailto:anthea@senter.com.cn)

Web: [www.senter-e.com](http://www.senter-e.com)