

# SG-K401

Dedicated to Supply Chain Warehousing



## IoT Handheld Terminal

4.2-inch HD screen · High-speed octa-core · 4G full Netcom



Android



Octa-core



Wifi



Bluetooth



2D barcode



1D barcode



NFC



Hot swap

# Product Specifications

## Performance

|           |  |
|-----------|--|
| Octa-core |  |
| CPU       | MT6769 Octa-core 64-bit 2.0GHz high-performance processor (2 ARM@Cortex-A75 cores +6 ARM@Cortex-A55 cores) |
| RAM+ROM   | 6GB+64GB   |
| System    | Android 13   |

## Data Communication

|           |  |
|-----------|--|
| WLAN      | Dual-band 2.4GHz / 5GHz,<br>Support IEEE 802.11ac/a/b/g/n/d/e/h/i/j/k/r/v protocol |
| WWAN      | 2G:GSM (850/900/1800/1900MHz)  |
|           | 3G:WCDMA (850/900/1900/2100MHz)  |
|           | 4G:FDD:B1/B3/B4/B7/B8/B12/B20<br>TDD:B38/B39/B40/B41                               |
| Bluetooth | Support Bluetooth5.0+BLE,transmission distance 5-10 meters                         |
| GNSS      | Support GPS,Galileo, Glonass, Beidou   |

## Physical Specifications

|                         |  |
|-------------------------|--|
| Dimensions              | 162 mm × 64.8 mm × 25.9mm (The thinnest)   |
| Weight                  | 289g   |
| Display                 | 4.2" IPS color display,resolution 720x1280   |
| TP                      | Supports multi-touch   |
| Battery capacity        | Rechargeable polymer battery (3.85V 5200mAh)   |
|                         | Standby time > 350 hours   |
|                         | Working time > 12 hours  |
|                         | Charging time < 3 hours, use standard power adapter and data cable   |
|                         | Built-in spare battery, hot-swappable  |
| Expansion Card slot     | NANO SIMx2,TF card × 1, SIM card × 1 (Optional )   |
| Communication interface | Type-C 2.0 USBx1,Support OTG function  |
| Audio                   | Speaker (loudness >95db), microphone, Receiver   |
| Keypad                  | Total 25 keys, 22 keys on the front, front keys: 0~9 numeric keys,. Key, space key, primary scan key, arrow key × 4, Fn switch key, Aa Case switch key, delete key, EN confirm key, return key;<br>Side Keys: Side power key, scan key × 2 |
| Sensors                 | Gravity sensor, light sensor, distance sensor  |

## Language/Input Method

|          |   |
|----------|---|
| Input    | English, Pinyin, Five strokes, Handwriting input, Support soft keypad |
| Language | Chinese, English, Korean, Japanese, Malaysian,etc.                    |

## Data Collection

|                             |   |
|-----------------------------|---|
| Barcode Scanning (Standard) |   |
| 2D Scanning engine          | N6602-W2  |
| 1D Symbologies              | Code128 (ISBT 128,AIM 128,GS1 128),EAN-13,EAN-8,UPCE0,UPCE1,UPC-A,ISBN,ISSN,Code11,Interleaved 2 of 5,Code39,Code93,Code32,Codabar,Matrix 2 of 5,Industrial 25,IATA25,GS1 DataBar,GS1 DataBar Limited,GS1 DataBar Expanded,MSI Plessey,Plessey,Composite,etc. |
| 2D Symbologies              | QR,Micro QR,Data Matrix,PDF417,Micro PDF417, Aztec,Maxicode,Dotcode,Composite,HanXin,etc.   |

## Camera (Standard)

|              |   |
|--------------|---|
| Rear camera  | 20MP camera, support autofocus, flash, anti-shake, macro shooting |
| Front camera | 5MP color camera  |

## NFC (Standard)

|           |                                      |
|-----------|--------------------------------------|
| Frequency | 13.56MHz                             |
| Protocol  | Support ISO14443A/B, 15693 agreement |
| Distance  | 2cm-5cm                              |

## User Environment

|                       |  |
|-----------------------|--|
| Operating temperature | -20°C - 55°C   |
| Storage temperature   | -40°C - 70°C   |
| Environment humidity  | 5%RH--95%RH(no condensation)   |
| Environment humidity  | temperature range, 6 sides can withstand a height of 1.5 meters,falling to the marble. |
| Rolling test          | 0.5m continuous rolling, 1000 times  |
| Sealing               | IP66   |

## Accessories

|          |  |
|----------|--|
| Standard | Adapter, Data cable, Protective film, Instruction manual |
|----------|--|