



## Rugged surveying controller

The CS5i combines cutting-edge industrial specs with rugged versatility for precision fieldwork. Powered by Android 12, it seamlessly connects to and controls major RTK host brands, offering unmatched compatibility. Its ultra-thin IP68-rated design delivers triple protection (dust/water/shock) and reliable performance in extreme high/low temperatures. Equipped with a high-definition loudspeaker, the CS5i ensures crystal-clear audio even in noisy environments, streamlining operations across diverse work conditions.

### Sunlight-Readable 5.5" Display

Enjoy clear visibility even under direct sunlight with a vibrant 5.5-inch display boasting 500nit brightness.

### QWERTY Physical Keypad

Efficient typing with tactile feedback using the full numeric keypad and independent alphabet keys.

### Long-Lasting 9000mAh Battery

Long-lasting power with a massive 9000mAh battery for extended usage between charges.



# CS5i

### 64GB ROM + 4GB RAM

Enhanced multitasking and ample storage, expandable via Micro SD card for extra space.

### Durable IP67 & Global 4G

Rugged, dust/water-resistant design with worldwide network support.

## SYSTEM

|                         |                                    |
|-------------------------|------------------------------------|
| <b>Operating system</b> | Android 12                         |
| <b>CPU</b>              | Qualcomm SDM 662 octa-core 2.0 GHz |
| <b>RAM</b>              | 4 GB                               |
| <b>Flash memory</b>     | 64 GB                              |
| <b>Memory card</b>      | MicroSDHC up to 128 GB             |

## Physical

|                             |  |
|-----------------------------|--|
| <b>Size(L×W×H)</b>          | 228 mm×96 mm×21 mm   |
| <b>Weight</b>               | 420g with battery  |
| <b>Environment</b>          | Operating:-20°C to+65°C<br>(-4°F to+149°F)<br>Storage:-30°C to+70°C<br>(-22°F to+158°F)      |
| <b>Dust and water proof</b> | IP68   |
| <b>Humidity</b>             | 5%~95%(non-condensing)   |
| <b>Shock and vibration</b>  | 1.2m(4 ft)fall on concrete   |
| <b>Display</b>              | 5.5"IPS LTPS LCD capacitive multi-touch<br>1920×1080 pixels HD+401 ppi<br>Brightness 500 nit |
| <b>Keypad</b>               | QWERTY full keyboard   |

## COMMUNICATION

|                      |  |
|----------------------|--|
| <b>SIM Card Type</b> | Nano-SIM card  |
| <b>Network modem</b> | ·GSM:850/900/1800/1900<br>·WCDMA:B1/B2/B4/B5/B8<br>·LTE-TDD:B34/B38/B39/B40/B41<br>·LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B12<br>/B13/B17/B20/B25/B26/B28 |
| <b>Wi-Fi</b>         | ·802.11 a/b/g/n/ac<br>·access point mode(2.4G/5G)  |
| <b>Bluetooth</b>     | V5.0   |
| <b>USB</b>           | Type C,OTG supported   |
| <b>NFC</b>           | Support  |

## ELECTRICAL

|                               |   |
|-------------------------------|---|
| <b>L-ion battery capacity</b> | 9000 mAh  |
| <b>Operating time (1)</b>     | 22h   |
| <b>Charging time</b>          | 4h(typical)   |
| <b>Standard Accessories</b>   | ·AVC charger<br>·USB cable<br>·Stylus<br>·Handstrap |
| <b>Certifications</b>         | CE,FCC  |



**Shanghai Apekstool Optoelectronic Technology Co., Ltd**

Xinao Creative Park, No.350 Yindu West Road Songjiang District, Shanghai China



**Website**

[www.apekstool.com](http://www.apekstool.com)

**Mail**

[Sales@apekstool.com](mailto:Sales@apekstool.com)