



**Android OS 7.0**



**1.5GHz X4 Quad core 64bit**



**7.9" Display 1024 x 768**



**Rear 13MP | Front 5MP**

Compact and powerful, the K-Sat 7.9" high brightness and sunlight-readable rugged Android tablet comes with an ergonomic design and built in RockBLOCK 9603 SBD Modem. Which allows to send and received short message from anywhere on Earth with a clear view of the sky. With the Iridium satellite network which has 66 satellites in orbit around the Earth, allowing coverage anywhere on Earth 24hours a day, 7 days a week. Additionally, it has a special touch layer that allows the usage of hand gloves and also stylus for precise input and signatures. The K-Sat can configure optional functions like barcode scanning as well as other information acquisition module. The K-Sat has been designed to be a multi-purpose tablet to fit several working environment of industrial, logistic management, assets management, fisheries , oil and gas industries, disaster and emergency response, and etc.

## K-SAT SPECIFICATION

### Hardware

- CPU : Cortex A53 1.5G Hz X4 Quad core 64bit
- GPU : Mali-T720
- RAM : 3G LPDDRII

### Storage

- RAM & ROM : 3GB RAM + 32GB ROM
- Memory Expansion : Micro SD slot support up to 64GB

### Appearance

- Dimension : 265mm(L) x 160mm(W) x 23mm(H)
- Color : Black
- Weight : 870gram

### Communications & Networking

- Call / 2G / 3G / 4G Band / EDGE / GPRS / WAP / WIFI 2.4GHz / Bluetooth

### Screen

- Display : 7.9 inch IPS / ADFS; 768 x 1024 420 cd/m2
- Touch Panel : 5 point touch capacitance screen / tempered glass / capacitance pen / touch gloves

### Camera

- Main Camera : 13.0 MP (AF & electro-flash)
- Sub Camera : 5.0 MP
- Video : 1080P, H.264, MPEG4, H.263 Support File Format: RM, RMVB, AVI, MPEG4, FIV

### Sensor

- Direction Sensor / Gravity Sensor / Electronic Compass / Motion Sensor / Rotation Vector Sensor / Gyroscope Sensor

### Port & Battery

- Battery : 10000 mAh
- SIM Card : 1.8 V / 3.3 V SIM Card
- USB : USB Host 2.0 (External Accessible)
- Headphone : 3.5mm
- Input / Output : USB Type-C 24pin

### GPS

- Navigation & Position
  - GPS & GLONASS / support SBAS / A-GPS / EPO (2.5M)

### Satellite Communication

- RockBLOCK 9603 SBD Modem
- Truly global operation, using the Iridium satellite network
- 2 way communication system
- Data arrives via email or directly to web-service via HTTP POST
- With detachable Antenna

### Audio

- Built in mono speaker and mic

### Power

- AC-Input : 100-240VAC, 50/60Hz
- DC-Output : 5V, 2A

### Add On Features (Optional)

- 1D/2D Barcode Scanner

### Industrial Design

- Shake-proof : 1-19Hz / 1.0mm ; 19-200Hz / 1.0g
- Dropproof : MIL-STD-810G / Method516.6 / Procedure IV
- Waterproof : Class 7 (IEC 60529)
- Dustproof : Class 6 (IEC 60529)
- Reliability : MTBF>50000h; MTTR<0.5h
- Operating Temperature : -20°C to 60°C
- Storage Temperature : -40°C to 80°C
- RH : 5% to 95%
- Operating Altitude : Max :4,500 m (15,000 feet)
- Environmental Resistance : IP67

### Certification

- CE / FCC / ROHS

