



VIKING II

7" Mobile Data Terminal



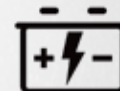
IP65



MIL-STD
810H



SAE J1939



9-36 VDC



Mark

- ◆ Bright 7-inch PCT touch display with intuitive interface
- ◆ Ready to use auto-dimming function
- ◆ Health readiness via CAN bus
- ◆ Built-in NFC reader
- ◆ Diverse wireless connectivity for field usage
- ◆ Smart power management with ignition sense and backup battery
- ◆ Android 14, Google Mobile Services (GMS) certified



Specifications

System

- ◆ Qualcomm® Snapdragon™ 6490 Qcta-Core, 2.7GHz
- ◆ 8GB LPDDR4x RAM
- ◆ 128GB UFS storage
- ◆ Built-in 6-axis IMU sensors(Accelerometer + Gyroscope), 2 x speaker
- ◆ OS : Android 14, Google Mobile Services (GMS) certified

Display

- ◆ 7" TFT LCD WSVGA (1024 x 600), 500 nits brightness
- ◆ Capacitive multi touch (PCT)
- ◆ Support auto-dimming

Communication

- ◆ Wi-Fi 6E (IEEE 802.11ax)
- ◆ Bluetooth V5.2
- ◆ GNSS (GPS / GLONASS / BeiDou/ Optional dead-reckoning, or RTK supported)
- ◆ Optional 4G LTE/ HSPA + / 5G
- ◆ NFC
- ◆ Optional Satellite

I/O Interface

- ◆ RS-232 with power supported x 1
- ◆ RS-232 (RX, TX) x 1, RS-422 x 1, RS-485 x 1
- ◆ Gigabit Ethernet x 1
- ◆ USB 2.0 x 2
- ◆ USB 3.1 type C x 1 (DisplayPort Alt Mode supported)
- ◆ Micro SD slot x 1, Micro SIM slot x 2
- ◆ CAN bus/ optional SAE J1939 x 1
- ◆ DI x 2, DO x 2
- ◆ Audio headset jack x 1
- ◆ Optional CVBS input x 2

Function Button

- ◆ Programmable button x 5
- ◆ System On/Off x 1
- ◆ Volume adjustment x 2

Power Management

- ◆ 9 - 36 VDC input
- ◆ Vehicle power protection (ISO7637-2)
- ◆ Ignition sense with delay on/off setting
- ◆ Internal battery for graceful shutdown

Rugged Features

- ◆ IEC 60529 IP65 (except bottom side I/O)
- ◆ Vibration (operating) : MIL-STD-810H Method 514.8 Category 4 and IEC 60721-3-5 class 5M3
- ◆ Shock (operating) : MIL-STD-810H, Method 516.8, Procedure 1, functional shock

Environmental (Tested to MIL-STD-810H standards)

- ◆ Operating temperature : -30°C to +60°C
- ◆ Storage temperature : -30°C to +70°C
- ◆ Humidity : 95%, non-condensing

Mechanical Spec

- ◆ VESA 75
- ◆ Dimension (W x H x D) : 220 x 152 x 41 (mm)
- ◆ Weight : 1.25kg

Certifications

- ◆ CE, FCC, E-Mark

Accessories



Mounting Kit



WWAN Antenna



WIFI / BT Antenna



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