



VIKING

7" Mobile Data Terminal



IP65



MIL-STD-810H



SAE J1939



9~36VDC



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 10 with Google Mobile Services certified



Specifications

System

- ◆ Qualcomm® Snapdragon™ 660 Octa-Core, 1.9GHz
- ◆ 3GB LPDDR4 SDRAM
- ◆ 32GB eMMC storage
- ◆ Built-in 3-axis G-sensor, dual speaker
- ◆ OS : Android 10, Google Mobile Services (GMS) certified

Display

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

Communication

- ◆ GNSS (GPS / GLONASS / BeiDou/ Galileo)
- ◆ 4G LTE / WCDMA / GSM
- ◆ IEEE 802.11ac 2x2 MU-MIMO
- ◆ Bluetooth V5.0
- ◆ RFID/NFC

I/O Interface

- ◆ RS-232 with power supported x 1
- ◆ RS-232/422/485 x 1
- ◆ Gigabit Ethernet (RJ45) 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, or CAN bus module (supports SAE J1939)
- ◆ DI x 2, DO x 2
- ◆ Audio headset jack x 1
- ◆ DC-in x 1

Function Button

- ◆ Programmable button x 5
- ◆ System on/off x 1
- ◆ Volume button x 2

Power Management

- ◆ 9~36 VDC input
- ◆ Vehicle power protection (ISO7637-2)
- ◆ Ignition sense with delay on/off setting
- ◆ UPS backup battery

Rugged Features

- ◆ IEC 60529 IP65 (except bottom side I/O)
- ◆ Vibration : MIL-STD-810H Method 514.8 C2/C4/C6
- ◆ Shock : MIL-STD-810H, 40G at 11ms Terminal/ Sawtooth

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

- ◆ Operating temperature : -20°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

Ordering Information

- ◆ MT7030-OWR
MT7030 with Octa-Core 1.9GHz, 3G RAM, 32GB eMMC, GNSS, LTE/WLAN/BT and Android 10 GMS

Accessories



Mounting Kit



WWAN Antenna



WIFI / BT Antenna



www.ruggon.com e-mail:info@ruggon.com

©2021 RuggON Corporation. All rights reserved. Specifications subject to change without notice.



V.21A