



ANDROID RUNNING CONTROLLER

VICTOR-3



Victor-3 is a powerful and robust Android AOSP operating system. Victor-3 contains a full alphanumeric keypad, rugged display. Thanks to advanced technology, dustproof, waterproof, and shockproof, and large active screen, the work with Victor-3 can be performed as efficiently and conveniently as possible. The intuitive and simple software interface allows performing any work accurately, without mistakes, and with maximum performance.

DATA SHEET

VERSION 1.0 APRIL 21, 2021

VICTOR-3

Specifications

SYSTEM

- Operating system: Android 7.1 AOSP
- Processor: 1.2GHz ARM Cortex A9 i.MX6
- Languages: English, French, Spanish, German, Portuguese

PHYSICAL

- Size: 5.4 x 10.2 x 1.6 in (138 x 256 x 40 mm)
- Weight: 2 lbs (908 g), with battery
- Durable hardened plastic in a shear-proof and shock-resistant design
- Strong chemical resistance
- Comfortable, wide hand strap
- Easy-to-grip, impact-absorbing bumpers
- OEM customizable expansion area

BATTERY

- Intelligent Li-Ion battery 3.6VDC @ 12000mAh, 43.2Whr
- Operates for up to 20 hours on one charge
- Charges in 5.5 hours typical
- Battery easily changeable in field
- Optimized for excellent performance in cold temperatures

DISPLAY

- Active viewing area: 4.2" (107 mm)
- VGA LCD TFT (640x480) Landscape Display
- High visibility backlit LCD

TOUCHSCREEN

- Projected capacitive touch interface
- Chemically-strengthened glass
- Scratch-resistant screen

KEYBOARD

- Alphanumeric keypad with user-assignable keys
- Adjustable backlit keys
- JS Power Keys Shortcuts
- OEM configurable/customizable

CAMERA

- 5MP resolution with autofocus and LED Illuminator + video capture
- Embed photo with date, time, and GPS position

GPS/GNSS

- High-sensitivity GPS, GLONASS, Galileo, BeiDou, QZSS, SBAS receiver
- User settings for enhanced performance under canopy
- Accuracy: SBAS 2 meters; autonomous 5 meters
- Concurrent GNSS constellation resolution
- NMEA-0183 ver. 4.0 out

- 72-channel u-blox M8 engine

ENVIRONMENTAL

- IP68 waterproof and dustproof (1.4m for 30 min)
- Temperature:
 - Operating: -22 °F to 140 °F (-30 °C to 60 °C)
 - Storage: -22 °F to 158 °F (-30 °C to 70 °C)
- Shockproof: multiple drops from 4' (1.22 m) onto concrete
- Designed to meet MIL-STD-810G test procedures: Method 500.5 Low Pressure (Altitude); Method 501.5 High Temperature; Method 502.5 Low Temperature; Method 503.5 Temperature Shock; Method 506.5 Rain; Method 507.5 Humidity; Method 510.5 Sand and Dust; Method 512.5 Immersion; Method 514.6 Vibration; Method 516.6 Shock

MEMORY & DATA STORAGE

- 2GB RAM
- 16GB flash storage
- User-accessible micro SD/SDXC slot

WIRELESS CONNECTIVITY OPTIONS

- Bluetooth® wireless technology, 4.1 BR/BDR/ BLE "Smart Ready." Class 1.5, range greater than 100 feet (30 m)
- Wi-Fi® 802.11b/g/n 2.4GHz with extended range
- 4G LTE CAT-4/3G-fallback
- LTE frequency bands: NA 2, 4, 5, 12, EU 1, 3, 7, 8, 20, 28, and AU 1, 3, 5, 7, 8, 28

PORTS

- COM1, RS-232C 9-pin D connector with 5VDC power output on pin 9 software-enabled
- USB host (Full A), USB client (Micro B)
- 12, 24VDC input, 10-36V unregulated
- 3.5 mm audio jack, supports speaker/microphone or stereo output (pin detect)
- I/O module OEM configurable/customizable
- I/O docking ports for charging, USB port connector protection



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