CFDEVICE



RUGGEDIZED IN-VEHICLE TABLET

VCM V8 PRO

8" rugged tablet with 9 physical keys for blind operation in harsh conditions

- **8" 1280×720**
- **Octa-core 1.8 GHz**
- **Android 9.0**
- **4G/LTE (dual SIM opt.)**
- **9 physical keys**
- **IP65**
- **9–36V**

KEY FEATURES

- 8" high-brightness display
- Octa-core CPU, GPU supports OpenGL ES 3.1
- IP65 sealing design
- 250K/500K CAN bus (J1939, CANopen, ISO15765)
- 9–36V wide-voltage input with ignition detection
- 9 physical keys for easier operation

VCM V8 PRO Specifications

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System

CPU	Octa-core, 1.8 GHz
GPU	OpenGL ES 3.1
Memory	2GB RAM
Storage	16GB ROM, TF up to 256GB
OS	Android 9.0

Display

Screen	8" 5-point capacitive touch
Resolution	1280×720, 750 cd/m²

Communication

Cellular	4G/LTE (dual SIM optional)
Wi-Fi	2.4/5.8 GHz, 802.11 b/g/n, hotspot
Bluetooth	2.1+EDR / 3.0 / 4.1 LE / 4.2 BLE
GNSS	GPS / BDS / GLONASS; optional cm-level OEM board and inertial navigation

Interfaces

CAN	CAN×1 (J1939, CANopen, ISO15765)
Serial	RS232×2, RS485×1
I/O	DI×2, DO×2, 12V DC output×2
USB	USB 2.0×1
Ethernet	Ethernet×1
Camera	AHD 720p×4 / 1080p×2

Audio

Audio	Built-in speaker; built-in mic (optional)

Power

Input	9–36V DC
Management	Ignition control

Rugged

Protection	IP65
Vibration / shock	MIL-STD-810
Road vehicle standard	ISO 16750
Operating temperature	-30°C to +70°C
Storage temperature	-40°C to +85°C
Humidity	95%, non-condensing

Mechanical

Dimensions (W×H×D)	224 × 160 × 45 mm
Weight	1.36 kg
Buttons	Power key×1, function keys×8 (9 physical keys)
Connectors	Industrial waterproof connector, SMA×2 (Wi-Fi & 4G), TNC×2

SOFTWARE ISOBUS VT: Supported · AVM 360°: Contact CF-Device · DMS: Contact CF-Device · MDM: Compatible

APPLICATIONS Precision Agriculture · Construction Machinery · Smart Transportation · Smart Mining · Industrial Control · Warehouse · Bridge Monitoring · Smart Port · Medicine Production