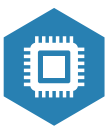# VCM S10-2 PRO

- *Equipped with professional vehicle level processor*
- *Supports 250K/500K CAN and SocketCAN bus (J1939, CANopen, ISO15765)*
- *Supports 4G/5G and ensures communication quality*
- *Supports CP-Comm, making software development easy*
- *Designed to endure the harshest environment*
- *Supports CP ISOBUS VT*
- *Supports both Android and Linux OS*

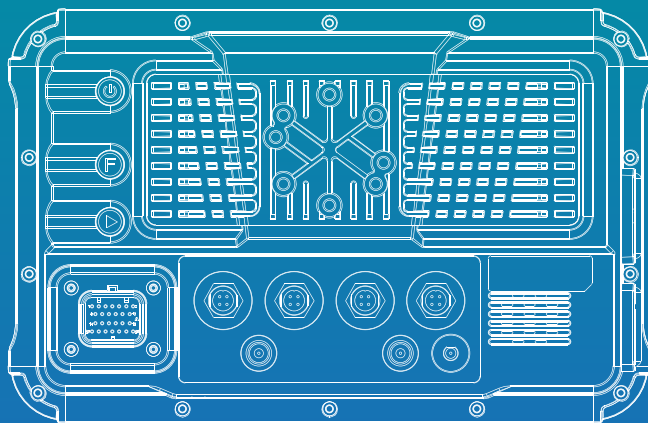**1T Computing Power** **Android/ Linux** **5G Communication** **CAN SocketCAN** **CP ISOBUS VT** **Radio** **Multiple HD Video Streaming**

Specifications

Category	Specifications
System	Quad-Core Cortex-A55 CPU (2.0GHz) ARM G52 2EE GPU OpenGL ES1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1 High-Performance 2D Acceleration 1T Computing Power (0.8T NPU) Android 11.0 Linux Kernel 5.10, QT 5.15.7 2GB RAM LPDDR4 (Up to 8GB) 16GB ROM EMMC (Up to 256GB)
Communi-cation	Mic*1 Built-In Speaker*1 External Speakers 100Mbps Ethernet*1 G-Sensor*1 LTE 4G/5G Communication Module WiFi 802.11 b/g/n, 2.4G Bluetooth 4.2 Centimeter-level GNSS (Optional) Radio Communication (Optional)
Rugged Feature	IP65 Protection Level MIL-STD-810 Vibration Compliance ISO16750 Road Vehicle Standard Operating Temp: -30°C to +70°C, Humidity: 0%-90% RH Storage Temp: -40°C to +85°C, Humidity: 30%-95% RH Salt Spray Test: 48-Hour Endurance
Button	2 Function Buttons + ON/OFF Button

Category	Specifications
Display	10.1" Capacitive 5-Point Touch Control Display Brightness: 750 cd/m^2 Resolution: 1024*600P
Power	9-36V DC Power Input (Up to 5-36V) ACC Ignition Detection at Startup Power Supply Voltage Detection Overcurrent, Overvoltage, Undervoltage Protection & Reverse Connection Prevention
I/O Interface	Up to 4x CAN 2x RS232, 1x RS485 Up to 4x ADC_In Detection (12V Max Input) Up to 5x DC_Output 12V Up to 5x IO_Input AHD Camera (1080Px2+1080Px4 or 720x4+1080x4 Max) 1x USB3.0
Connector	1x 26Pin Connector 4x GX12 Aviation Plug (Optional) 1x SMA Connector (4G/FM Radio, Optional) 2x TNC Connector (GNSS, Optional)
Mechanical Spec	Dimensions (WxHxD): 281x181x42mm Weight: 1.5kg
Installation	Easy Installation with RAM or Similar Mounts for Vehicles, Farm Equipment & Machinery

APPLICATIONS

Precision Agriculture	Construction machine	Smart Transportation
Smart Mining	Industrial Control	Warehouse
Bridge Monitoring	Smart Port	Medicine Production

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