

**Oscilloscope display :**

- Configurable arbitrary signal can be dynamically displayed in the oscilloscope as a waveform ;
- The ordinate range supports adaptive signal attributes ( adaptive scaling conforms to the signal range attribute ) ;

**Equipment information display :**

- It can display the basic information of the device, such as SN number, model, configuration file name and upload time, software and hardware version number, location latitude and longitude, altitude and speed ;

**Channel state display :**

- The link state, channel mode, channel rate, number of packets sent and received of the automotive Ethernet channel can be displayed.
- It can display the baud rate, load rate, data frame number and error frame number of CAN / CANFD / LIN / FlexRay channel ;
- Channel state supports mouse drag display ;

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# vgSoft

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vgSoft is a real-time dynamic projection software for data monitoring and display.

It not only can provide data visualization, but it is also innovative, user-friendly and functional.



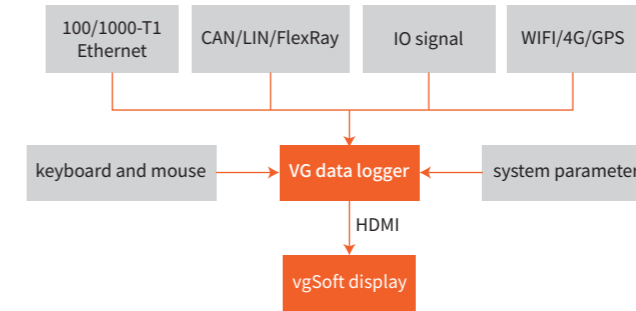
## ADVANTAGE

- All the visual display is self-developed by vcarsystem, which supports user UI visual customization. It can customize the interface vision according to the user 's different scene needs, adjust the display control, focus on color, theme style, etc.
- Without unnecessary operation, plug and play is displayed on the screen, and engineers and users can view their data as they wish.
- Easy to use, quick to get started, with a short learning curve, the user can easily use without effort ;
- The program is streamlined, the CPU resource occupation is minimal, and there is no need to worry about the use of processor resources ;
- Fast response, with national coverage and timely and efficient technical support services, can help users solve problems quickly and escort the user 's work tasks ;

## FEATURES

- Friendly user interface and methods save time for testers ;
- The unified user interface elements flatten the design elements to make them more pleasing ;
- Cool visual data display, including oscilloscopes, tables, digital code tables, buttons, RF icons, etc. ;
- System status monitoring, system parameters of the equipment can be monitored and displayed on the screen :
- The load of the processor ;
- The use of hard disk ;
- The system clock ;
- The properties of the device ;

## FUNCTIONAL PROCESS



- CAN / CANFD / LIN / FlexRay / 100 & 1000BASE-T1 / TX bus data, IO data, WIFI / 4G / GPS data are connected to the device through the corresponding port ;
- The device collects variable signal data, identifies channel status, reads system parameters and other information flows ;
- The obtained information flow is analyzed to form a physical value that can be read intuitively
- Dynamically push each signal and physical value to vgSoft ;
- Visualize vgSoft to the screen through HDMI ;
- The user can quickly obtain the real-time value and change trend of the vehicle signal ;

## FUNCTIONAL DESCRIPTION

### The top status shows :

- Dynamic display device status :
- Each trigger key enabling state, CPU occupancy rate, SSD storage usage, WIFI signal state, 4G signal state, GPS signal state, device real-time clock ;

### The signal list shows :

- The list shows the signal name, value size and unit ;
- Support signal name search ;

### The values highlight :

- Digital large code highlight display : can highlight the signal value of concern, support any signal configuration to the digital display ;

