

VVH-MDE43 1080P

Professional Driving recorder



- › Super Wide Range Power Input +8V up to +60V
- › Lithium Battery Built in and Low Power Consumption Competent of Monitoring GPIO, Low Voltage, G Sensor & Gyro Sensor and Wake-up Cameras in Condition of Power Saving Mode.
- › Bespoke System Integration by Means of ARM MCU
- › Dual SIM Card Accommodation ISP Changed Subject to Regional Coordinate.
- › RS-232x2 Series Connected with RFID Read and Other Sensors
- › With One Wire Port Communications with Sensors up to x128 Unit Such as Temperature Sensor and iButton
- › GLONASS + GPS Module Built in and GPS Receiver External are Two Different Ways of GPS Data Received
- › CANbus Type A and Type B Built in for System Integration with CANbus Sensors such as Mobileye
- › Supports x10 I/O above Withstand Voltage DC 50V Varsity with Types of Motor Vehicles
- › 6-Axis Sensor Built in for Driver Behavior Analytics
- › Built in A/D Conversion Detection Such as Speedometer, RPM and Fuel Gauge
- › Dual SD Card Reader
- › Optional WiFi USB Dongle and RJ45 Module for Various Network Devices Integration Such as WiFi AP, ADAS and DMS
- › Compatible of Chrome, Firefox and Edge Variety Browser
- › Two Way Audio Live Communication Support

SPECIFICATIONS

Operation System- SOC + ARM Cortex M3

Video Compression- H.264/H.265 High Profile

Operation System- Embedded Linux + MCU firmware

Communications- 4G Cat.4 + AGPS (mini-PCIe 4G Module)

Antenna : External (SMA x2)

GPS- (1)GPS,GLONASS and AGPS Supported within 4G Module.

Antenna : External (SMA x1)

(2)GPS antenna removed detection.

Video Inputs /Output- Inputs : 1080P30 x 4Channels (Micro-Dins).
Output : CVBS x 1 (Micro-Din) and VGA x 1
Power output : 12V/750 mA with Recoverable Fuse for Micro-Dins.

I/O(standard)- (1)Analog Input x 2
a.Voltage Range: 0-50V (e.g. Fuel detection)
b.Resolution: 12 bit

(2)Digital Input (max. 50V) x 13

a.Ignition High Active(ACC) x1

b.Tachometer RPM x1

c.Speed x1

d.Positive / Negative Trigger x 10

(3)Digital Output (Current Output Mode) x2

a.Maximum Current Configuration up to 0.5

Ampere Hardwire Voltage Range+3V to 50V

Version updating is not going to inform, please check the on-going updating information

| SPECIFICATIONS

Audio Input /Output- Support Condenser Microphone and Speaker(4Ω/2W)
(Doesn't need Amplifier circuit for both MIC and Speaker)

Communication Interface- (1)CAN BUS (2 Wires) x 1
(2)RS232 (2 Wires) x 2
(3)Dual SIM Cards (switchable by MCU)
External(Full-size 1.8V)
(4)eSIM on board (optional)
(5)RJ45 (optional)
(6)One-Wire x1(e.g.Temperature Sensors, iButtons)
max.128

Recording Resolution- 1080P / 720P / 960H

Storage Device- SD Card (Above Class 10) x 2

Indicate LEDs- REC/Power(Red LED), Internet(Green LED), GPS(Blue LED)

Buzzer Sounding- Supported

Sensor- Built in 6 axis sensor for motion detection
(G Sensor function is included.)

Battery Type- Lithium lion: 3.7V / 2200mA (Built in with Charger)

Power consumption- (1)Working:
a.8-60 VDC, 6W (12V,0.6A), Excluding both Cameras
and Screen (Power Protected when over 60V, Max.65V)
b.Main Power removed detection.
(2)Standby: Less Than 10mA@ > 12.6V.
(3)+12VOutput: Max. 12V @ 1.35A.

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Power Supply- DC 8V~60V

USB Socket- **(1)USB-WiFi Dangle (optional)**

a.Support WiFi (AP mode) 802.11b/g/n

b.Applications: WiFi Connection

(2)USB-B.T. Dangle (optional)

a.Support Version:V4.x

b.Applications: Configuration & Firmware Update

(3)RJ45 Network Module (optional)

a.Streaming Share (DHCP)

b.Hardwire DHCP Connection

c.Maximum Shared Bandwidth Subject to Hardware Competence

Working Mode- (1)Regular Work Mode: GPS Localization + Digital Recording.

(2)Power Saving Mod : Timer / Alarm Trigger / 6-Axis Sensor / Wake-up Standby Cameras

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