



4ch / 360° Surrounding Vehicle Surveillance System



NEW 2016 NOV. V1.0

VVH-MDE52 / AVM-1276

VVH-MDE52 (Vehicle DVR)



■ optional

AVM-1276 (Vehicle Cam)

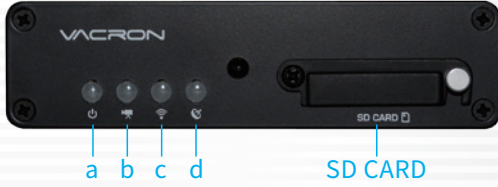


- Mobile DVR with 4CH 720P 360° surrounding view cameras. Additional option is the 1CH parking assist camera, which can automatically change to rear image during parking.
- Video output can connect with external monitor, watch and playback by device.
- Recoding format : 720P,30/25FPS.
- GUI Graphical control interface.
- Built-in Supercapacitors, automatic keeping recoding after turn off engine, ensure recoding files write back to SD card.
- Integral and reliable event record table, make recording files easy to search and find.
- Integral Time and date record, can show and play by monitor.
- After insert SD card, do not require any action, the device will start recoding a utomatically.
- The video record files save by SD card, against shock and vibration during drive.
- Built-in Internal 3D G-Sensor, device activates G-sensor during happening event.
- GPS offer vehicle's speed, direction, and route track records. (optional)
- Can watch and backup video recording by connect with external USB Wi-Fi dongle.(optional)

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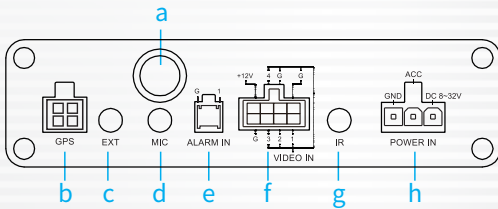
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FRONT PANEL



- (a) POWER green light: Power Support.
- (b) REC red light: Recording light(High frequency flicker during happening event)
- (c) GPS blue light: GPS positioning.(optional)
- (d) WiFi yellow light: WiFi connecting.(optional)

REAR PANEL



- (a) Audio out / Video out / USB WiFi Dongle
- (b) G-MOUSE(optional)
- (c) Extending Ch5 input(JACK-4P 3.5mm)(optional)
- (d) Extending MIC (JACK-4P 3.5mm)
- (e) ALARM IN
- (f) 4CH Video input
- (g) Extending IR (JACK-4P 3.5mm)
- (h) Power and signal input wire:
 - i. Power input: DC12V
 - ii. ACC Signal: Voltage input range DC10.0v ~ DC14.5v

PALYER



VVH-MDE52 Specification

Video Input	4CH 720P 360°surround view camera 1CH parking assist camera (optional)
Resolution	720p 360°surround view cameras : CH1(Front)+CH2(Right)+CH4(Left)+CH3(Rear), auto activate parking assist image. Default recording: ch 25/30 fps.
Power	(a) DC12V, Max power approx. 1.25A. (b) DC12V, ACC OFF, power approx.30mA. (c) Working Voltage : DC8.0v ~ DC32.0v ° (d) Activate Voltage>DC11v
Delay Record function	(a) ACC OFF, delay power support for approx.3 sec. (b) Built-in supercapacitors delay recording time approx. 3sec, and then write buffer record data back to SD card.
Temperature	Operation Temperature : -20°C~60°C (Non-confined spaces with natural ventilation) Storage Temperature : -40°C~85°C
Storage	SanDisk class10 and 8G above SDHC card. Some specific devices require the vendor recognizes SD card
Recording	Automatic recording after activate device in 30sec.
Recoding	Image, Data, Audio, GPS info(optional), External trigger signal and G-sensor data
Contents	Using specific file format, require dedicated player Directly playback on the device.
Audio Input	Mono microphone
Time Setting	(a)Auto GPS adjustment, active calendar clock when device cannot receive GPS signal. (b)The first time device installment requires use GPS time adjustment. After finished the adjustment, RTC time will support by vehicle power. The time has to reset if device power off.
Display	TV-Out Video output AV-Out Audio output.(AV terminal)
Size	115mm x 132.7mm x 30mm
Weight	0.4kg

AVM-1276 Specification

Video System	NTSC / PAL
Pick Up Element	1/4 inch CMOS *4PCS
Image Signal Process	Digital Signal Processing System
Number Of Pixel	1280 x 720
Effective Pixels	Approximately 1.0 Mega Pixel
Resolution	720P
Power Supply	DC 12 ± 1V
Power Consumption	280mA(IR OFF) / 340 mA(IR ON)
Scanning System	Progressive Scan
Sensitivity	3300mV/(Lux-sec) / 0Lux(IR ON)
S/N Ratio	Max 37 dB
Auto Gain Control	Auto
Dynamic range	64 dB
White Balance	Auto
Electronic Shutter	Auto
View Angle	H : 360° V : 70°
Output	1 Vp-p Composite Video Output, 75 Ohms
IR LEDs	4PCS
IR Range	1m
Operating Temperature	- 10° C ~ +60°C

- Notes: 1. Storage device is not included.
- 2. Vacron reserves the right to modify the content without any further notification.