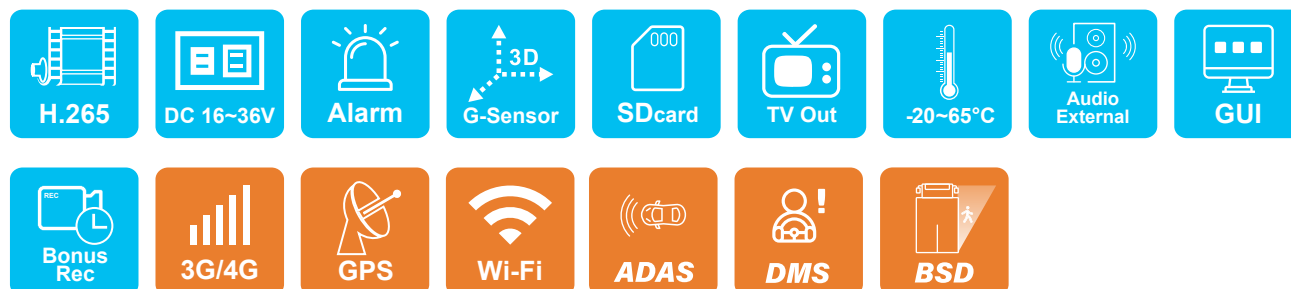


VVN-MD120 1080

AI in-vehicle applications - Advanced Driver Assistance System



(Optional)



The MDVR supports wireless 4G/Wifi internet connection and 12 car cameras, and will automatically start recording and streaming from multiple views after boot. Available for 1 CH of ADAS camera, 1 CH of DMS camera, and 1 CH of BSD camera to alert the driver of the front view situation, distraction, and blind spots while assisting the fleet management in securing fleet safety at all times.

- › Vehicle-machine firmware integrates intelligent AI algorithms(optional).
With ADAS camera, it can detect/warn/report dangerous road conditions ahead of the vehicle in real time.
With DMS camera, it can detect/warn/report driver fatigue or distracted driving behavior in real time.
Equipped with BSD cameras, could alert humanoid figures and pedestrians in the set area according to the risk level.
- › With LTE or Wifi module, you can monitor the car remotely at any time via Vacron back-end server(optional).
- › A complete and reliable image record list makes searching for image records more convenient.
- › The hidden file structure and exclusive player program make file security more secure.
Provide MP4 conversion functions, allowing users to play directly on general home computers.
- › With G-Mouse to fully record your driving position and driving speed(optional).
- › Integrated with G-sensor to secure recordings of important events with automatic collision detection and force recording.
- › The power management function can delay shutdown after ACC off, and support parking monitoring mode.

SPECIFICATIONS

Signal Format-	NTSC / PAL
Operation System-	Embedded Linux
Numbers of Video Input-	12 ch input
Camera Power Output-	12 Power input 12V / 0.35A (0.7A/2CH)
Numbers of Video Output-	VGA/CVBS (Synchronous output)
Audio Input-	1 CH input
Audio Output-	1 CH output
Alarm input / output-	Alarm input x 6 (2 for back-ups), 2 alarm output (voltage*1, current*1)
Operating Interface-	GUI graphical Interface
Language Support-	Multilingual (English, Traditional Chinese, Simplified Chinese, Japanese)

Video Recording-	1080@12CH 720P @12CH D1@12CH
Display Mode-	Single Screen / 4-Split / 12-Split
Simplex-	Playback
Recording resolution-	1080 1280 x 720 720 x 480
Storage-	2.5 inches SSD / SD
Searching Mode-	Time / Date, Event Recording
Full Screen Display-	Yes
Indication Light-	5 LED (ALARM 、GPS 、LAN 、REC 、PWR)
Disconnection Detection-	Yes

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| SPECIFICATIONS

Buzzer Output-	Yes
GPS-	G-MOUSE
G-SENSOR-	6 axis gyro sensor (ICM-40608)
3G/4G-	Yes
WIFI-	Yes
SD Card-	Yes
RS-232-	Yes
IR-	Yes
Gold Capacitor-	Built-in 10F*, 5seconds of delay recoding when black out.
System-	Automatically resume video recording mode after a black out and back on.
Power Input-	(1) DC 16V~32V (2) The ACC power-off delay is set by the software (3) DC 12V / 0.5A OUT
Dimensions-	250mm X 174.8mm X 69.5mm
Operating Temperature-	-20°C ~65°C
Weight-	About 2.5 KG (Including bracket and SSD)

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| DESCRIPTION

Advanced Driver Assistance Systems ADAS

Pedestrian Collision Warning, (PCW), Forward collision warning(FCW),
Headway Monitoring & Warning (HMW), Lane Departure warning (LDW)

Driver Status Monitor DMS

Distraction warning (look up/down/look left/right) use of cell phone, smoking,
fatigue driving, abnormal (driver leaving seat/blocking camera),
not wearing a mask, etc.

Blind Spot Detection BSD

Set the areas for humanoid figures and pedestrians alerts according to the risk level.

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