



## AiV-DD4002

- 4CH CIF, HD1, D1 full real-time recording
- H.264 video compress, Linux system, dual stream
- Double SD card ports each up to 64 Gb
- Digital water print function
- Pre-alarm function, motion detection, alarm linkage
- Record user log and alarm log
- Internal WCDMA/EVDO, Wi-Fi and GPS/ Glonass modules
- 3G, Wi-Fi auto switch
- Can record speed, GPS position, acceleration, emergent brake, video rearview, swerve view, alarm
- DC8-48V wide voltage apply, industrial embedded design, aluminum alloy housing, low power consumption.
- 1 x RS232, 1 x RS485, 2 x high speed USB 2.0, 1 x CAN-BUS for choices
- Can connect to LED panel, ID card reader, bus stop system
- HES error correction encrypted file management system
- G-sensor motion detection
- Working temperature: from -65°C to +85°C

### SYSTEM

Operation system	Linux
Operation interface	Graphical menu operation interface (OSD menu)
File system	TES Error correction encrypted file management system
System permission	Administrator and user setting
<b>VIDEO</b>	
Video input	4 channels
Video output	1 channel
Video display	1 or 4 channels
Signal system	PAL: 25 fps, NTSC: 30 fps
Total resources	PAL: 100 fps, NTSC: 120 fps

<b>AUDIO</b>	
Audio input	4 channels
Audio output	1 channel
S/N ratio	S=30dB
Record format	Synchronized video and audio recording
Audio compression	ADPCM
<b>DIGITAL PROCESSING AND STORAGE</b>	
Video compression	H.264
Image resolution	PAL: 4 x CIF (352 x 288), 4 x HD1 (704 x 288), 4 x D1 (704 x 576) NTSC: 4 x CIF(352 x 240), 4 x HD1 (704 x 240), 4 x D1 (704 x 480)
Image quality	1 - 8 levels adjustable (1 is the best)
Video bit-rate	CIF: 24K-112 Kb / s / channel, HD1 / D1: 24K - 192 Kb / s / channel
Video storage	85 - 900 Mb / hour
Playback resolution	PAL: 1 or 4 x CIF (352 x 288), 1 or 4 x HD1 (704 x 288), 1 or 4 x D1 (704 x 576) NTSC: 1 or 4 x CIF (352 x 240), 1 or 4 x HD1 (704 x 240), 1 or 4 x D1 (704 x 480)
Audio bit-rate	4 Kb / s / channel
Audio storage	14 Mb / s / channel
Storage	2 SD cards, max 128 GB each
<b>ALARM</b>	
Alarm input	4 channels (activated by high voltage)
Alarm output	1 channel
Motion detection	High / middle / low sensitivity adjustable
<b>USB</b>	
HOST port	In the front panel used for files backup and firmware upgrading
<b>LAN</b>	
RJ45	Optional (used for video monitoring)
Wi-Fi	Optional
3G / 4G	HSPDA / EVDO / CDMA2000 / FDD-LTE / TDD-LTE module optional
GPS	
GPS	Optional, built-in GPS / GLONASS module
<b>EXTENSION INTERFACE</b>	
RS232	RS232 interface x 1
RS485	RS485 interface x 1
Intercom	Yes
G-sensor	Yes
Canbus	Optional
<b>OTHERS</b>	
Power supply and consumption	DC8 - 36V 5% ≤12W
Clock	Built-in clock, and calendar
Operating temperature / humidity	from -65 to +85°C / ≤80%
Dimension	220 (L) x 110 (W) x 175 (H) mm
Net weight	0.9 kg / set
Gross weight	1.1 kg / set