

PRD10497 MDVR 12 CHANNELS C/GPS WIFI 4G C/HD 2T DATASHEET



DESCRIPTION

ACTIA Mobile Digital Video Recorder is developed from the brand new platform N9M, which is an advanced and function-extensive Mobile Video Recorder specially designed for network high definition, analog audio & video input and excellent extension. It uses high-speed processor and embedded operating system, patented file system 4.0 to ensure the safety and integration of important data, combining with H. 264 video compression / decompression technology, network technology and GPS locating technology. With center software it also achieves alarm linkage central monitoring, remote management and playback analysis. It is powerful with modular design, flexible installation, easy maintenance and high reliability.

FEATURES

- Supports 8 channels AHD + 4 channels IPC
- Modular design for easy maintenance
- Anti-vibration technology(360° installation)
- Supports 2.5" 2TB HD storage and SD card
- Internal GPS for location tracking
- Built-in 3G/4G module
- Built-in WIFI module
- VGA Output

	By	Date	MDVR 12 CHANNELS C/GPS WIFI 4G C/HD 2T	Ref. ACTIA	Index
Draw	F.Gidião	07/30/2018		PRD10497	Rev05
Verif.	G. Costa	06/12/2019			Page 1/5
Appr.	C.Dambroz	06/12/2019			

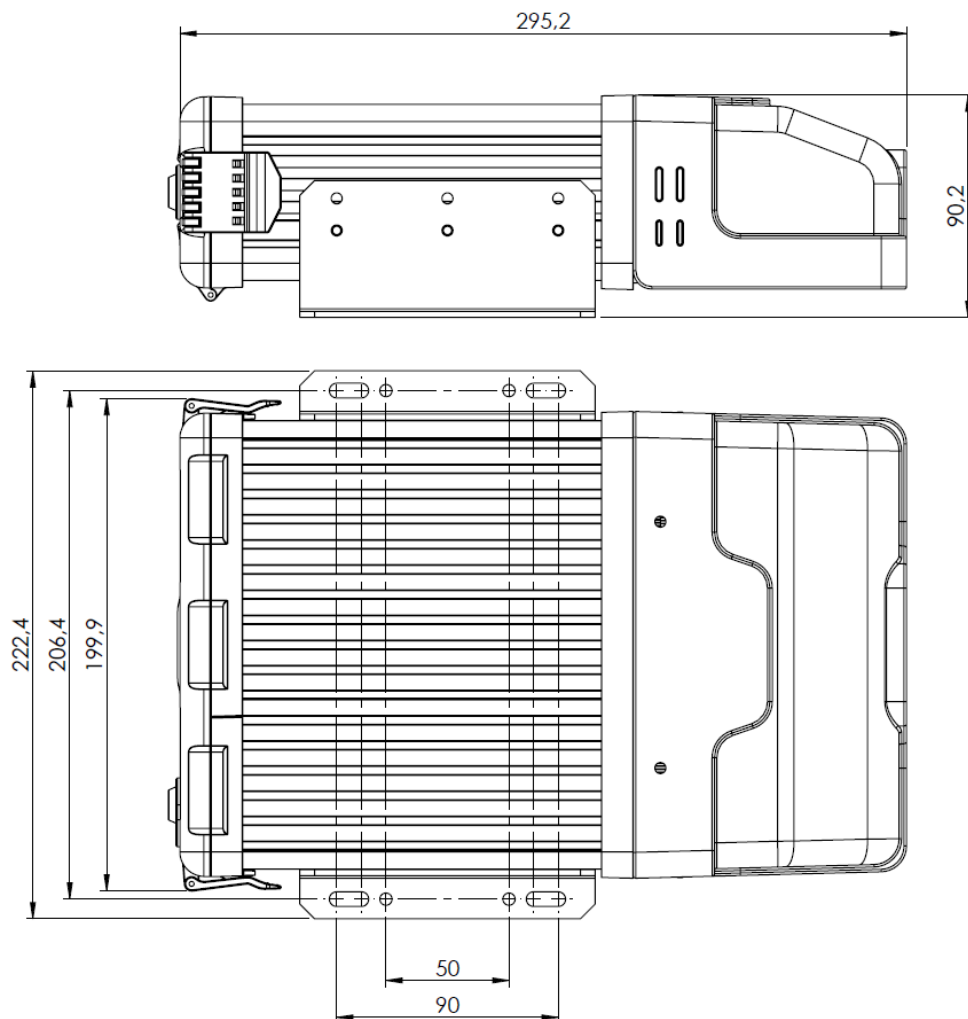
TECHNICAL DATA

Function Overview		Preview, Recording, Playback, Network, Locating
System	OS	Linux 3.0.8
	Control Mode	CP4, Easy Check, Network (3G or 4G optional /WIFI), Mouse
Video	Input	8 channels AHD (1080P) + 4 channel IPC (1080P)
	Output	2 channels
	Total Resource	PAL: 8*720P@25FPS (AHD) +4*1080P@30FPS (IPC) Or 8*1080P@12FPS (AHD) +4*1080P@30FPS (IPC) NTSC: 8*720P@30FPS (AHD)+4*1080P@30FPS (IPC) Or 8*1080P@15FPS (AHD)+4*1080P@30FPS (IPC)
	Video System	Electrical level: 1Vpp Impedance: 75Ω NTSC/PAL Optional VGA Output
Audio	Input	12 channels
	Output	2 channels
	Audio Signal Standard	Electrical level: 2Vpp Input impedance: 4.7kΩ
Display	Display Split	1/4/9 Image display
	OSD	GPS information, alarm, temperature, acceleration, voltage, device information, software version, MCU version, network status
	Operation Interface	Semi-transparent GUI
Recording	Video/Audio Compression	Video: H.264 Audio: ADPCM, G.711A, G.711U
	Image Resolution	PAL: 1080P, 720P, WD1(928X576), WHD1(928X288), WCIF(464X288), D1(704X576), HD1(704x288), CIF(352x288); NTSC: 1080P, 720P, WD1(928X480), WHD1(928X240), WCIF(464X240), D1(704x480), HD1(704x240), CIF(352x240); Digital: 720P(1280X720)
	Image Quality	8 Levels adjustable
	Recording Mode	Manual/schedule/Alarm(sensor trigger, speed, acceleration, video loss, temperature)
	Pre-recording	0-60minutes
	Post-recording	0-30 minutes
	Mirror Recording	Yes
Playback	Playback Channel	4 channels by local playback
	Search Mode	Date/time, channel, event
Network	4G	EVDO/WCDMA/TDD-LTE/FDD-LT
	WIFI	802.11b/g/n
Locating	GPS	Location tracking, speed detection and time sync
Storage	Hard disk	Supports 2.5" hard disk up to2TB

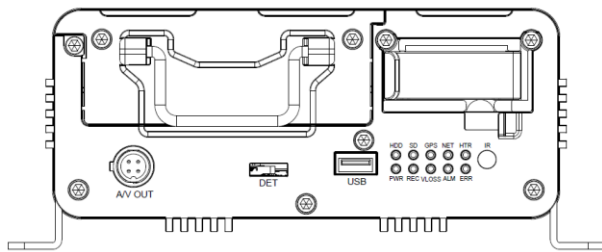
Interface	USB	USB2.0 x 2
	SD	SD x 1
	RS232	RS232 X 2
	RS485	RS485 X 2
	Sensor	8 inputs, 2 outputs
	Serial	G-sensor (Internal)
	Speed	1 channel pulse speed detection
Power	Input	DC8-36V
	Output	5V@500mA, 12V@500mA
Physical Characteristics	Dimension (L x W x H)	295 x 222 x 89 mm
Operation	Operation temperature	-40°C- +70°C(With heater) or -10°C- +70°C
	Weight	2.6kg
	Operation relative humidity	8% ~ 90%

DIMENSIONS

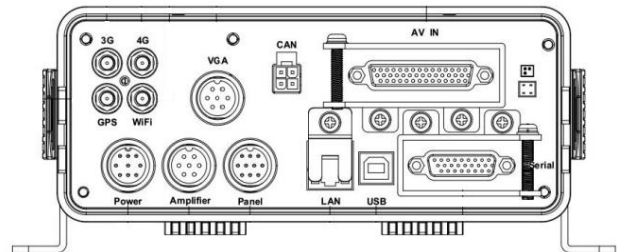
(Millimeters)



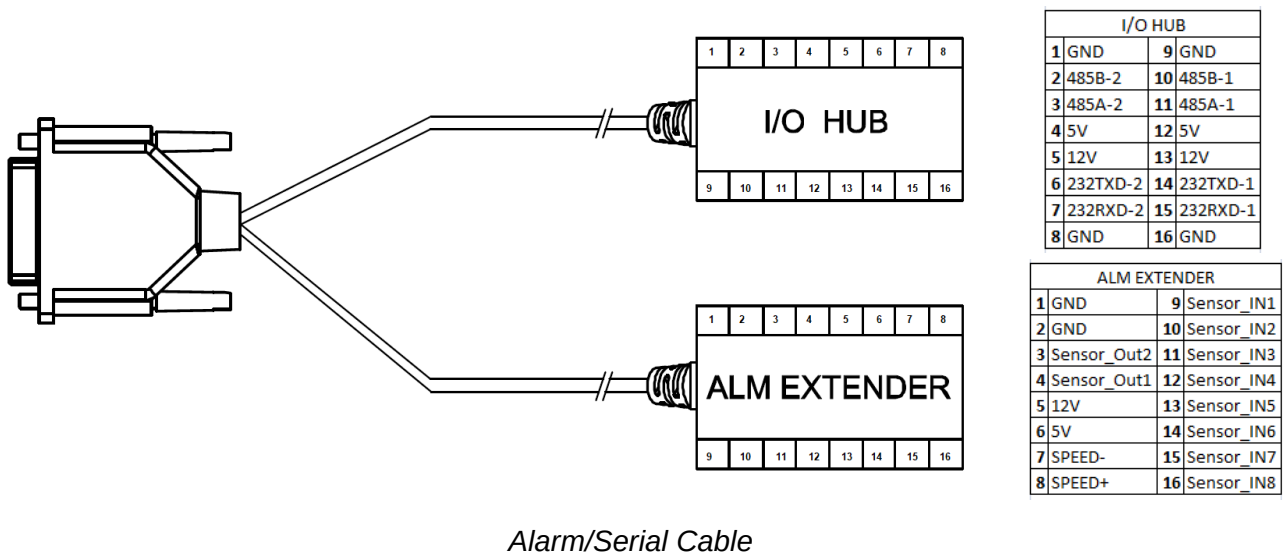
Front view



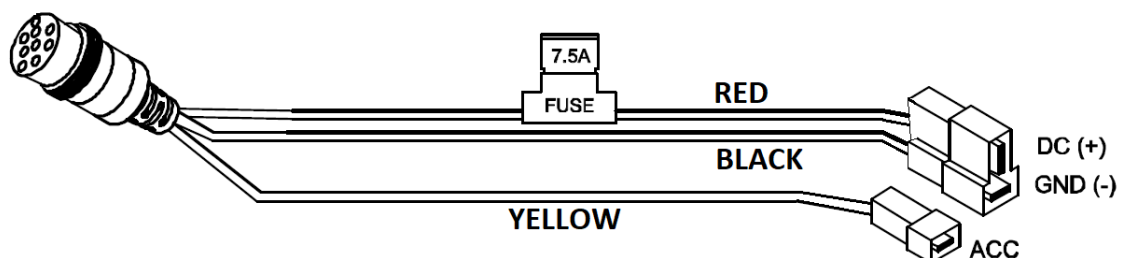
Rear view



CONNECTOR DETAILS

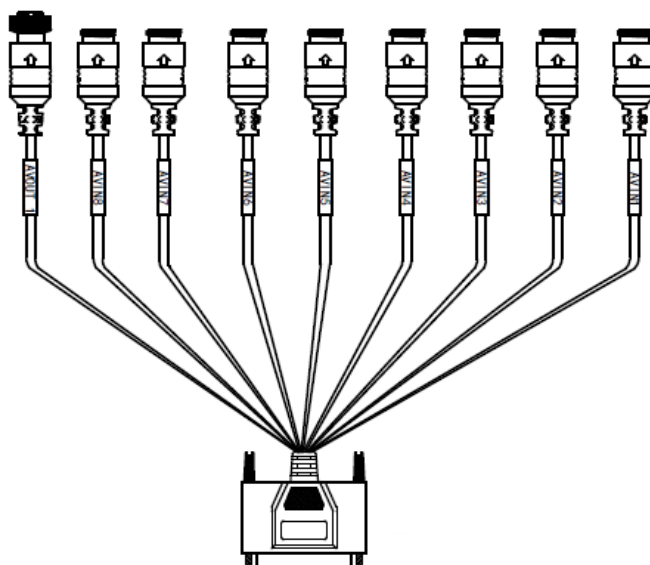


Alarm/Serial Cable

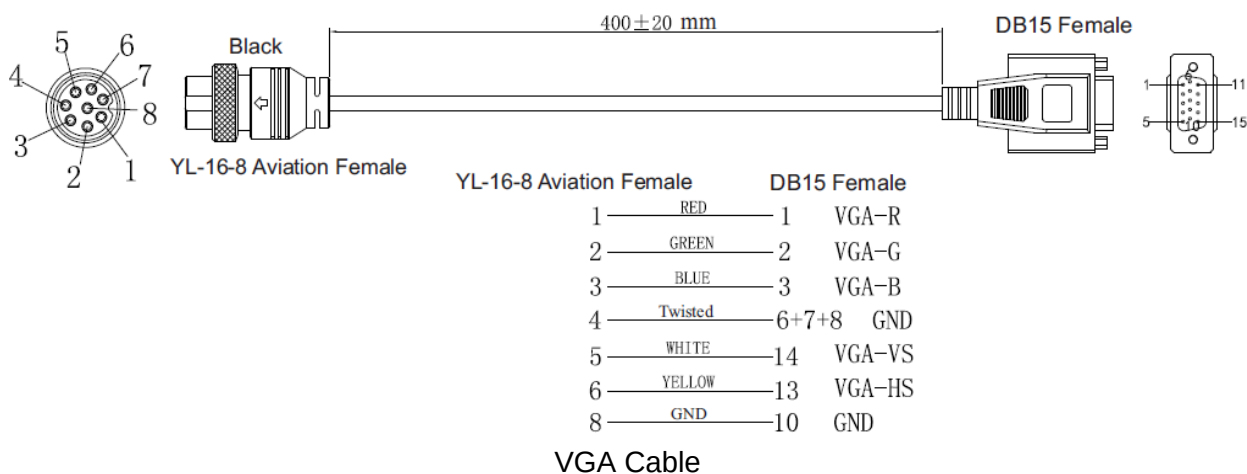


Power Cable

Video IN/OUT Cable



OPTIONAL ACCESSORIES



EASYCHECK WIFI
(Ref. **PRD10756**)



ETHERNET SWITCH
(Ref. **PRD10503**)

REVISION HISTORY

Revision	Date	Reviewer	Description
04	07/30/2018	F.Gidião	New format document and cables pin description.
05	06/12/2019	G.Costa	Updated MDVR image