



AVMD4 HEAVY DUTY 4 CHANNEL AHD MOBILE DVR

USER MANUAL





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Contents

Product overview	1
Inclusions	2
Powering your device	3
Adding a hardrive	4
Remote controller function	5
Main menu screen	6
Playback Menu	6
General menu screen	9
Control screen menu	14
Record settings screen menu	19
System settings menu	22
1TB recording time chart	23
Specifications	24
Reversing trigger or power camera systems	25
Technical assistance	26



- 1. Hardrive access
- 2. USB port (Mouse, Backup thumb drive or firmare updates
- 3. Infrared indicator
- 4. SD card indicator
- 5. Power indicator

- 6. HDD indicator
- 7. Not applicable
- 8. GPS antenna connection
- 9. VGA input
- 10. CH1 camera input
- 11. CH2 camera input
- 12. CH3 camera input

- 13. CH4 camera input
- 14. Prolink composite output
- 15. Power harness
- 16. Trigger harness
- 17. IR input (not available)
- 18. RJ45 input (not active)
- 19. HDMI input

Inclusions

- 4 Channel Heavy Duty M-DVR AVMD4
- 1 x Remote Control
- 1 x GPS antenna
- 1 x Key to lock HDD
- 1 x HDD mounting plate
- 4 x HDD mounting screws
- 2 x 20cm input/output cables









Powering your device

The Aerpro AVMD4 can me powered by using the 4 plug power input cable. For video input from your monitor it can be connected via the HDMI, VGA or Prolink 2 connections. Cables are not included. For the Prolink composite output, model number PLAC42 is sold separately.





Output trigger harness

SENSOR_IN1-4 (White wire) : Alarm input, can be connected to the reverse light, left and right turn signal positive to trigger the corresponding channel Display in full screen or leave it unconnected.

SENSOR_OUT1-2 (Yellow wire) : Alarm output, 12V/0.2A power output, control other equipment or leave it unconnected. (Voltage output will only be available when the alarm input is required to be triggered.

+12V (Red wire) : 12V/0.4A power output, which can be used to take power from the display or leave it unconnected.

GND (Black wire) : Negative

GPS cable connection

Attach the included GPS cable to the Aerpro AVMD4 to allow the user to track its geographical location or speed using signals from satellites.

Adding a hardrive

The user can store your recordings into a hard disk drive of up to 2 Terabytes HDD (2.5 inches hard disk size) or on a SD card up to (1TB).

- 1. To access the storage areas the supplied HDD lock key must be used open the front.
- 2. Mount the Hardrive onto the HDD mounting plate using the 4 screws provided.
- 3. Note the direction the HDD is placed in the AVMD4.
- 4. Lock and secure using the HDD key.







Remote controller function



- 1. ON/OFF
- 2. System information interface 6. OK, Up, Down, Left,
- 3. Play, pause, rewind, fast forward keys
- 4. SD card indicator

- 5. Menu
- OK, Up, Down, Left, Right arrow keys
- 7. Return to the previous sub menu Exit system menu
- 8. Play

- 9. Delete
- 10. 0-9 number keys Split mode interface 1-8 Key channels
 - Full screen display
- 11. Mode switch

Main menu screen

Once connected to a monitor, press the MENU button on the remote to display the main menu screen. This allows the user to access the MDVR's sub menu system.z

			DEOLOST
		PlayBack	
C 101		General Settings	
CHUI		Control Settings	
		Record Settings	
		System Settings	
	VIDEO L		DEO LOST
CH03		CH04	

Playback Menu

	VIDEO L			Pla	DEO LOST			
		Search for time	2024-05-30 Disable	00:00:00	23:59:59	Main Record	 Search Export video 	
		Check Lock	Disk	Start tin	ne	End time	Size	
CH01								
	VIDEO L	Playback	Prev	Next	Lo	ck Unlock	Backup	DEO LOST
CH03					СН	04		

Playback Menu cont...

Search for date: Allows the user to search for recorded files via dates.

~	IDEO L		PlayBack	DEO LOST	
	Search	for time 2024-05-30 00:0	0:00 - 23:59:59 Main R	ecord 🔻 Search	
CH01	Search Check	for date Disable Disable Disable Last three days Last three days Last two weeks Last two weeks Last month All	All ▼ CH01 ▼ rt time	2024-05-30 Export video End time Size	
V		back Prev N	ext Lock	Unlock Backup	DEO LOST
СН03			CH04		

Select All or Alarm Footage: Will show all the recording list, selecting Alarm will list all alarm triggers list.

	VIDEO	L				Pla	ayBack				DEO	DEO LOST		
			Searc	h for time	2024-05-30	00:00:00	23:59:59		•					
			Searc	h for date	Disable	•	All 🔻	CH01 T 2024-05	5-30	Export video				
			Chec	k Lock	Disk	Start tin	^{ne} Alarm	End time	2	Size				
сно1														
	VIDEO	L	Pla	yback	Prev	Next	Lo	ck Unloc	ck	Backup	DEO	LOST		
СН03							CH	04						

Playback Menu cont...

Channel: Select channels: CH01, CH02, CH03 or CH04 for individual playback list.

				DI	Pade			
	VIDEO L	Search for tim	e 2024-05-30 e Disable	00:00:00	23:59:59 M	in Record	 Search Export video 	
СН01		Check Loci	Disk	Start tin	ne CHO CHO CHO CHO	End time	Size	
	VIDEO L	Playback	Prev	Next	Lock	Unlock	Backup	DEO LOST
СН03					СН04			

Main record: Select Backup Record or Mirror Record to access the recorded footage from the SSD drive.

	VIDEO L			Pla	yBack			DEO LOST
		Search for time	2024-05-30	00:00:00 -	23:59:5	9 Main Record Main Record	▼ Search	
		Search for date Check Lock	Disable	Start tim	All • e	Backup Record Mirror Record	Export video Size	
CH01								
	VIDEO L	Playback	Prev	Next	L	ock Unlock	Backup	DEO LOST
СН03					CI	104		

General menu screen

			Coper	- I		DEOLOST
		Date/Time	Sattings	a		
		Channel Title	CH01/CH02/CH	103/CH04		
		Video format	PAL	iesi citeri		
		Resolution	1920x1080			
•		Video input format	Auto	3	•	
CH01		Language	English	3	v	
		Display GPS speed	Enable	3		
		Power on/off voltage	12V		-	
		Plate Number	Enable		•	
			▼ TDJ			
	VIDEO L		Confirm	Return	n	DEO LOST
СН03				СН04		

Date/Time settings:

•Time setting date format: D-M-Y, Y-M-D, M-D-Y hh;mm;ss

•Time show: Enable or Disable time and date on display.

•DST: Enable/disable Day light saving time

•Timing Model: 2 settings to adjust time, time from GPS will automatically sync time or entered manually.

•Date time: Enter Time and date manually when setting is set to manual in time model.

•Local time zone: Choose your correct time zone according to your state.

VIDEO L	OST					VIDEO LOST
		Time Set	ting			
•	Time format:	D-M-Y	-		•	
CH01	Time show:	Enable	•	DST ON	•	
	TIming Model:	Manual	•			
	Date time:	2024-06-03	12:19:14			
	NTP LIRI -	Auto from G	ips	▼ +00	•	
		time.nist.gov	/	123		
		Confirm	Retu			
VIDEO I	OST					VIDEOLOST
VIDEO E	031					
•						

General menu cont...

Channel Title: CH01/CH02/CH03/CH04 or Front/Rear/Left/Right is displayed on the live view screen, you can disable this function.

	VIDEO L		General		DEO LOST
сно1		Date/Time Channel Title Video format Resolution Video input format Language Display GPS speed Power on/off voltage Plate Number	Settings CH01/CH02/CH03/ Disable CH01/CH02/CH03/ Front/Rear/LefuRi Auto English Enable 12V Enable T2V Enable	CH04 V CH04 ght V V	
	VIDEO L		Confirm	Return	DEO LOST
СН03			CH	104	

Video format: The user can change the recorded video format to PAL or NTSC

	VIDEO L	Date/Time	General		DEO LOST	
CH01		Channel Title Video format Resolution Video input format Language	CH01/CH02/CH03 PAL PAL NTSC Auto English	3/CH04 •		
		Display GPS speed Power on/off voltage Plate Number	Enable 12V Enable TDJ	• • •		
	VIDEO L		Confirm	Return	DEO LOST	
CH03			c	:H04		

General menu cont...

Resolution: The user can changes the screen resolution 1024x768, 1280x720, 1920x1080

	VIDEO L		General	1		DEO LOST
		Date/Time	Settings			
		Channel Title	CH01/CH02/CH0	3/CH04 •	2	
		Video format	PAL		-	
		Resolution	1920x1080			
сно1		Video input format Language Display GPS speed	1024x768 1280x720 1920x1080 Enable			
		Power on/off voltage	12V			
		Plate Number	Enable		-	
			▼ TDJ			
	VIDEO L		Confirm	Return	1	DEO LOST
CH03			C	CH04		

Video input format : The user can choose the input resolution according to the cameras you are going to install, you can set it on Auto, this will auto detect the cameras automatically. NOTE all cameras must be the same resolution when the setting on Auto, AHD-720P25, 720P30, AHD-1080P25, 1080P30, TVI-720P25, 720P30, 1080P25, 1080P30, CVBS PAL, NTSC.

	VIDEO L		General		DEO LOST
		Date/Time Channel Title	Settings CH01/CH02/CH03/CH04		
CH01		Video format Resolution Video input format Language	PAL 1920x1080 Auto Auto AHD-720P25	• •	
		Display GP's speed Power on/off voltage Plate Number	AHD-720P30 AHD-1080P25 AHD-1080P30 TVI-720P25 TVI-720P30 TVI-1080P25	4	
	VIDEO L		Confirm Ret	um	DEO LOST
CH03			CH04		

General menu cont...

Language: Choose from multiple languages, Chinese simplified, Traditional Chinese, English, Korean, Russian etc.

	VIDEO L		General		DEO LOST
		Date/Time Channel Title	Settings CH01/CH02/CH03/0	сно4 🔻	
CH01		Video format Resolution Video input format Language	PAL 1920x1080 Auto English	*	
		Display GPS speed Power on/off voltage Plate Number	中文简体 中文繁體 English 한국어 Pycckuŭ		
	VIDEO L		Confirm	Return	DEO LOST
СН03			сн	104	

Display GPS speed: Enable or Disable the speed being displayed on recordings.

VIDEO L		General		DEO LOST
CH01	Date/Time Channel Title Video format Resolution Video input format Language Display GPS speed Power on/off voltage Plate Number	Settings CH01/CH02/CH03/CH04 PAL 1920x1080 Auto English Enable Disable Enable Enable Enable	• • • • • • • • • • • • • • • • • • •	
VIDEO L		Confirm Ret	urn	DEO LOST
CH03		CH04		

General menu cont...

Power on-off Voltage: Default setting is"off". If 12V is selected, the switching voltage range is between 9V-36V. If 24V is selected the voltage range is between 23V-36V.

VIDEO	L	General		DEO LOST
	Date/Time	Settings		
	Channel Title	CH01/CH02/CH03/CH04	· •	
	Video format	PAL	•	
	Resolution	1920x1080	*	
•	Video input format	Auto	•	
CH01	Language	English	•	
	Display GPS speed	Enable	•	
	Power on/off voltage	12V	~	
	Plate Number	Disable		
		12V 24V		
VIDEO	L	Confirm Ret		DEO LOST

Plate number: The user can type words or numbers, this will show on the recordings as a water mark.

	VIDEO L				Ge	nera	al					DEO LOST
		Date/Time		Se	ttings	2/64	02/04/	м -				
		Video format		PA	L	<i>2</i> /CH	03/Cht					
•		Resolution Video input forma	1	2	3 4	5	6	7	8	9	0	
CH01		Language	q a	s c	e r i f	g	l y h	L i	k I		p Enter	
		Power on/off volt Plate Number	a	abc %	z x / Sp	c bace	v =	b n :		Del Clos	se	
					▼ A	erpr	0					
	VIDEO L			С			Re					DEO LOST
CH03							CH04					

Control screen menu

			Control		
		Guide line	Settings		
	\mathbf{v}	Screen margin	Settings		т
		Display settings	Settings		
•		Alarm settings	Settings		
CH01		Speed settings	Settings		
		Video detection	Settings		
		Border colour	Black	-	
		Power off for park	Disable	•	
		Record for park	Disable	•	
	\sim				т
•			Confirm Re	eturn	
CH03			CH04	4	

Guide lines: The user can enable or disable the Guide line. You can assign which channel you want the guide lines to be on. You can adjust the lines with highlighting X,Y,or W use the remote or mouse to shift up, down, left or right icon on the screen.



Control menu cont...

Screen margin: Allows you to adjust the margins to fit on the screen.

	VIDEO LOST	Mar	ain	VIDEO LOST	
<u>СН01</u>		Top deflate Bottom deflate Left deflate Right deflate	0 0 0 0		
	VIDEO LOST	Restore	Return	VIDEO LOST	
сноз			CH04		

Display settings: Disable/Enable password. You can add your own password as Administrator as well as as Normal user. Default password is 111111. User login is to access the menu but cannot change settings, Admin has full access to all settings.

Power on mode: Sets the display images to show on startup according to the selection you choose. Display mode: Select the desire boxes, this will allow to scroll the display that you selected using the remote control mode switch (numbered 11 button on page 5 of this manual).

	VIDEO LO		Display setting	DEO LOST
СНО1		Password switch Normal user Password Confirm Administrator Password Confirm	Disable V	
		Power on mode Display mode	322 Image: state	
сноз	VIDEO LO		Confirm Return)EO LOST

Control menu cont...

Alarm input triggers: I/O: IN1-IN4 corresponding trigger lines Sensor IN1-Sensor IN4. •Enable: Enable/disable the trigger function of the corresponding trigger line.

•Anti-shake: Set the time to continuously receive voltage when trigger line is triggered. •Delay: Set the time to continuously display the screen after exiting the trigger.

•Channel: Set the channel number to be displayed when the trigger line is triggered.

•Linked Output: Set whether to enable Sensor out1\ Sensor out2 alarm output voltage in association.

	VIDEO LO			Alar	m settings)EO LOST			
СН01		I/O IN1 IN2 IN3 IN4	Switch Enable Disable Enable Panic Enable	Anti-shake 0	Delay 1 • 1 • 1 •	Channel CH1 CH2 CH3 CH4	Linki V S V S V S	ked Output Settings Settings Settings Settings	
		In priority		Disable					
	VIDEO LO			Confirm	Retu	Irn)EO LOST
СН03					СН0	4			

Speed settings: This is form GPS Type including: Overtime parking, Low Speed Warning, Low Speed Alarm, High Speed Warning, High Speed Alarm

•Switch: Turn on/off the corresponding trigger line trigger function;

•Limit: Set time settings such as 10 minutes, 20 minutes, 30 minutes, 40 minutes, 50 minutes, one hour, two hours, three hours etc..

•Anti-shake: Set the time to receive voltage continuously when the trigger line is triggered

•Delay: Set the time to continuously display the screen after exiting the trigger;

•Linked output: Set whether to associate enable Sensor out1\ Sensor out2 alarm output voltage

VIDEOLO Sped setting DEOLOST ¹												
Type Switch Limit Anti-shake Delay Linked Ouput Parking Disable 10min 0 0 Disable + Low-Warn Disable 10 km/h 0 0 Disable + + Low-Alarm Disable 10 km/h 0 0 Disable + + High-Alarm Disable 10 km/h 0 0 Disable + High-Alarm Disable 10 km/h 0 0 Disable + Speed source: GPS > Disable > VIDEOLO Confirm Return DEOLOST	VIDEO	LO			Spe	ed	setting				DEO	LOST
Parking Disable 1 0min 0 0 Disable 1 Low-Warn Disable 1 0 km/h 0 0 V Disable 1 Low-Alarm Disable 1 0 km/h 0 0 V Disable 1 High-Warn Disable 1 0 km/h 0 0 V Disable 1 Speed source: GPS Image: Confirm Return DEQ LOST		Туре	Switch		Limit		Anti-shake		Delay	Linked Ouput		
Low-Warn Disable * 10 km/h 0 * 0 * Disable * Low-Alarn Disable * 10 km/h 0 * 0 * Disable * High-Warn Disable * 10 km/h 0 * 0 * Disable * High-Alarn Disable * 10 km/h 0 * 0 * Disable * Speed source: GPS * * > > > > VIDEO LO Confirm Return > > > > > >		Parking	Disable	•	10min	•	0 🔻	0	•	Disable 🔻		
Low-Alarm Disable 10 km/h 0 0 Disable + High-Warn Disable 10 km/h 0 0 + Disable + High-Alarm Disable 10 km/h 0 0 + Disable + Speed source: GPS > Disable >		Low-Warn	Disable	•	10 km/h	•	0 🔻	0	•	Disable 🔻	k	
High-Warn Disable 10 km/h 0 <li< td=""><td></td><td>Low-Alarm</td><td>Disable</td><td>•</td><td>10 km/h</td><td>•</td><td>0 🗸</td><td>0</td><td>-</td><td>Disable 🔻</td><td></td><td></td></li<>		Low-Alarm	Disable	•	10 km/h	•	0 🗸	0	-	Disable 🔻		
High-Alarm Disable 10 km/h 0 0 Disable • Speed source: GPS •		High-Warn	Disable		10 km/h	•	0 🔻	0	•	Disable 🔻		
Speed source: GPS • VIDEO LO		High-Alarm	Disable	۲	10 km/h	۲	0 🗸	0	•	Disable 🔻		
	VIDEO	L0			Confirm		Return)EO	LOST
	H03						CH04					

16

Control menu cont...

Video detection:

•Channel: CH01 to CH04

•Switch: Enable/Disable the trigger function of the corresponding trigger line.

- •Limit: Set settings such as 10-90.
- •Delay: Set the time to keep displaying the screen after exiting the trigger.
- •Sensitivity: Set low, middle and high frequency.
- •Linked output: Set whether to associate enable Sensor out1\ Sensor out2 alarm output voltage
- •Switch: Enable/Disable the trigger function of the corresponding trigger line.
- •Limit: Set settings such as 10-90.
- •Delay: Set the time to keep displaying the screen after exiting the trigger; •Sensitivity: Set low, middle and high frequency.

•Linked output: set whether to associate enable Sensor out1\ Sensor out2 alarm output voltage

<u>CH01</u>	VIDEO LO	Channel CH01 CH02 CH03 CH04	Switch Disable Disable Disable Disable	Vide Limit 60 60 60 60	o de	Delay Delay 0 • 0 • 0 •	Sense Middle Middle Middle Middle	· · · ·	Linked Ouput Settings Settings Settings Settings)EO LOST
СН03	VIDEO LO			Confirm		Return CH04				JEO LOST

Control menu cont...

Border color: The user can change the colour of the borders to Gray, Black, Red, Green, Blue, None.

	VIDEO LO		Contr	rol	DEO LOST
		Guide line	Settings		
		Screen margin	Settings		
		Display settings	Settings		
		Alarm in	Settings		
CH01		Speed settings	Settings		
		Video detection	Settings		
		G-sensor Alarm	Settings		
		Border color	Black		
		Power off for park	Gray	_	
		Record for park	Red		
			Green		
			None		
	VIDEO LO		Confirm	Return	DEO LOST
				-	
CH03				CH04	

Power off for park recording: When you set the time to (10 min or higher) the device is recording without shutting down after the time is reached the power will shut down.



Control menu cont...

Record for park recording: When you set the time to (10 min or higher) this will keep recording after the car is turned off.



Record settings screen menu

	VIDEO L	Record settings					DEO LOST
		Mirror config		Settings			
		Video adjust		Settings			
		Colour config		Settings			
		Encode Settings		Settings			
CH01		Recording Manage		Settings		· ·	
		Overlay: Date & Time	Channe	1	GPS speed	Vehicle info	
		Enable	▼ Enable	▼ Er	able	▼ Enable ▼	
		Storage usage:					
		DISK 1/SD		DISK 2/H	IDD	USB	
		Main Record	Main	Record	• M	ain Record 🔹 🗸	
		Playback channel:	СН1 🔁 С	HZ 🖌 CH	3 🛩 CH4		
	VIDEO L		Con	firm	Return		DEO LOST
СН03					CH04		

Record settings menu cont...

Mirror Config: The user can Mirror the image, Flip the image, rotate the image 90° or 270° You can add this to 4 channels separately.

Mir	ror
	Channel: CH01 🔻
	Mirror :
	Flip :
	90 * :
VIDEO LOST	270 * :
	Restore
	Return
	CH04

Video adjust : Allows the user to adjust the box size for each 4 channel you can adjust by using the remote arrow up to scroll between 0-85 on each Top, Bottom, Left, and Right box.

	Adjust		
	×	Channel:	СН01 🔻
		Тор	
01		Bottom	
	VIDEO LOST	Left	0
		Right	0
		Rest	ore
		Retu	rn
H03	CH04		

Record settings menu cont...

Color config: Adjust the Brightness, Contrast, Chroma, Saturation, Sharpness.

Color		
	Channel:	CH01 🔻
	Brightness	50
	Contrast	50
	Chroma	50
VIDEO LOST	Saturation	50
	Sharpness	50
	Resto	ore
	Retu	m
CH04		

Encode setting: This allows the user to change the resolution to 1080p, 720p or D1. You can change the frame rate from 1 to 15 and the quality of the recordings can be adjusted to Ordinary, Standard, High definition or Super high definition. You can enable or disable each channel recording separately.

	VIDEO LO		Encode	DEO LOST		
		Main stream:				
		Channe Resolution Frame	rate Recording	Quality	Audio recording	
		CH01 1080p v 15	▼ Enable ▼	Ordinary	▼ Enable ▼	
		CH02 1080p - 15	Enable	Standard	▼ Enable ▼	
		CH03 1080p V 15	▼ Enable ▼	High-definition	Enable	
CH01		CH04 1080p V15	Enable	Super high-definition	Enable	
	VIDEO LO		Confirm	Return)EO LOST
е СН03				е СН04		

Record menu cont...

Recording Manage: "Disk Usage". The user can set different usage for different storage disks, which are main record, backup record and mirror record respectively.

1) If all the settings are set as main video, then when disk1 space is full of recorded files, it will continue to record on the next video disk.

2 Backup video, means that the main video disk in the normal recording process after the anomaly, the backup video disk will be followed by the main video of the latter time period to continue recording.
 3 Mirror video, refers to the same time with the main video disk recording, the main video is recorded in the main stream, the mirror video disk is recorded in the sub-stream. When searching for video playback, you need to search for video files according to the corresponding disks (main record, backup record, mirror record).

	VIDEO L		Recording Manage				DEO LOST
		Timed Record	ding:				
		Channel	Switc	h	Start Time	Finish Time	
		CH01	Enable	T	00:00:00	23:59:59	
		CH02	Enable		00:00:00	23:59:59	
•		CH03	Enable		00:00:00	23:59:59	
01		CH04	Enable		00:00:00	23:59:59	
		Pre record:		,	Dicable		
		Pre-record:		ſ	Disable 🔻		
	VIDEO L	Pre-record:		t Confin	Disable • m Return		_ DEO LOST
	VIDEO L	Pre-record:		t Confin	Disable • m Return		DEO LOST
	VIDEO L	Pre-record:		Confin	Disable v m Return		DEO LOST

System settings menu

System: Format will erase and format any of the 3 of the memory devices that are attached to the MDVR, Upgrade will update the Firmware if available. Confirm will reset all parameters to factory default including user password. Param Config backsup(Export) your parameters settings to a USB drive, you must insert USB thumb drive on the front of the MDVR to back it up. Import will restore your parameters settings from your previous backup files.

	VIDEO LO			System			DEO LOST
		Storage Mana	ger:				
		Device	Total Size	Available Size	Status		
		DISK 1	0.000GB	0.000GB	None		
		DISK 2	953.869GB	688.500GB	Normal	Format	
CH01		USB	0.000GB	0.000GB	None		
		Note:When the firstly	memory card is use	d on the device for t	he first time, plea	ise format it	
		System Manag	er:				
		Maltana	12.5.1				
		voltage	12.5 V				
		Version	V3.36.4CV.1	V4.0		Upgrade	
		Restore				Confirm	
		Param Config			Export	Import	
	VIDEO LO					Return	DEO LOST
CH03				CH04			
				22			

1TB recording time chart

Video quality	Video f	ile M/10m	ninutes	1TB/hours			
	1080P	720P	D1	1080P	720P	D1	
General	110M	44.89M	21.98M	398	973	1988	
norm	150M	89.79M	43.95M	291	486	994	
high definition	187.5M	134.8M	65.92M	233	324	662	
Ultra high definition	225M	179.9M	87.89M	194	242	497	

Specifications

- Channels: 4
- DVR Recording: Yes
- Resolution: 1920x1080, 1280x720 or 1024x768 (Selectable)
- Recording Frames per second: 15 FPS
- Compatibility: Suits Standard Definition and AHD (720p and 1080p)
- Wired or Wireless: Wired
- Auto Power On: Yes
- Video System: PAL or NTSC
- Video Triggers: Yes
- Video Outputs: 4 Pin Heavy Duty, VGA or HDMI
- Display Modes: Single, Dual, Quad (Various)
- Monitor View: Normal / Reverse
- Guidelines: Selectable On/Off
- G-Sensor: Yes
- GPS: Yes
- Recording Modes:
 - ° Continuous
 - ° Parking Mode (Max 72hrs)
 - ° Time Lapse (1 FPS)
- Recording Storage:
 - ° SD Maximum = 1TB
 - ° HDD Maximum = 2TB (2.5" SATA)
- Recording Specs:
 - ° General = 398 hours per TB
 - ° Standard = 291 hours per TB
 - ° High Definition = 233 hours per TB
 - ° Ultra High Definition = 194 hours per TB
- Audio Recording: CH1-4 Selectable
- Power Supply: 9-36V (Hardwired)
- Dimensions (WxHxD): 175 x 168 x 50mm
- Weight: 0.88kg
- Inclusions:
 - ° 4 Channel Heavy Duty M-DVR [AVMD4](https://aerpro.com/AVMD4)
 - ° 1 x Remote Control
 - ° 1 x Key to lock HDD
 - ° 2 x 20cm input/output cables
- * Additional Information:
 - ° This is an M-DVR only, cameras are sold separately.
 - ° 720P or 1080P cameras can be used but they must be the same resolution and cannot be mixed.
 - ° USB Port can be used for Firmware updates and to plug a computer mouse in for easy navigation.

How to find reversing wires to trigger or power camera systems.

We recommend that you wire up the triggers as the last part of your installation (after the systems monitor has been wired) this is so that you can use the system as a safe way to test for a reversing wire.

Back up camera systems (reversing camera systems) require a signal to "Trigger" the system into action so that it automatically operates when the vehicle is in reverse. Whilst some systems are designed to allow cameras to operate even when the vehicle is not in reverse it is still necessary to wire a trigger system in so that the Camera that is facing backward automatically turns and or takes over as priority when in the vehicle is in reverse. When wired in correctly using the right trigger priority, the system can also automatically turn on the rear camera of an attached trailer taking priority over the vehicles back up camera when the trailer is connected.

The most common way to trigger the rear facing camera is to use the + wire that powers one of the vehicles reversing globes at the back of the vehicle. NOTE: Some vehicles that Use CAN bus to operate rear lighting systems may require additional parts to trigger the system.

Caution: Never test for reversing wires standing at the back of the vehicle, with the engine running and the gearbox in reverse gear. If the car/truck can not be placed in reverse without the engine running, Special procedures should be employed. In this case we highly recommend you seek a professional installer to do this type of work. Failure to follow proper procedure could cause serious injury or death. (The vehicle could back over you)

Step 1.

Place the car in reverse, with ignition on but the car not running (do not leave the cars ignition on for long periods of time without starting it) observe or have an observer notice which light turns on and its location in the lens. Turn the ignition off. Then, locate the globe socket that holds the reversing globe into the lens. In some cases the Lens has to be removed from the car to expose the socket. In most cases however, you can gain access from the inside of the car behind a removable interior wall/panel.

Step 2.

Identify which wire is the globes ground and which is positive. Light globes have very low resistance so if a globe is in place, both wires will show up as a ground. Even if you remove the globe the second globe on the other side of the vehicle will still give the positive side a short path to ground and may still be indistinguishable from the globes earth. For this reason it is necessary to energize the globe to find out which side is positive and which side is negative. Using a multimeter set to DC volts (make sure that it is on the correct scale) attach the negative probe to one of the globes wires and the positive probe to the other (in most cases you can push the probe ends into the back of the globe socket) if not, you may have to

Technical assistance

If you need assistance setting up or using your Aerpro product now or in the future, call Aerpro Support. Australia TEL: 03 – 8587 8898 FAX: 03 – 8587 8866 Mon-Fri 9am – 5pm AEST or EMAIL: service@tdj.com.au

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