

Video

MoTeC V2 Video Kit

MoTeC's V2 Video Kit is a robust High Definition video recording system designed specifically for motorsport. The V2 unit itself is compact and lightweight, housing the high quality camera and recording components, while the kit provides the mounting hardware and accessories to make installation quick and easy.

Features:

- Full HD: Genuine High Definition with 1080p @ 30 frames per second
- Automatic Start/Stop, eliminating the possibility of drivers forgetting to turn it on
- 12 V power direct from the vehicle - no batteries to recharge
- Live gauges automatically recorded on the video - no post processing required
- Compact and lightweight all-in-one camera and recording unit - only 100gms (exc. mounts)
- Flexible roll cage mounting system - compatible with some GoPro mounting hardware
- Over 14 hours recording at 1080p
- Records to a removable micro SD card up to 32GB - the kit includes an SD card adaptor
- Video can be played directly from the card
- Automatic CAN Synchronisation with data in i2
- Built in microphone
- Dedicated V2 Manager software for configuring the video, audio, CAN and gauges

Recording FormatS - WITH OR WITHOUT LIVE GAUGES Recorder:

- 1920 x 1080 @ 30 fps (default)
- 1920 x 1080 @ 25 fps
- 1280 x 720 @ 60 fps
- 1280 x 720 @ 50 fps
- 1280 x 720 @ 30 fps
- 1280 x 720 @ 25 fps



Compatibility

- MoTeC Data Loggers: C125, C127, C1212, C185, C187, C1812, CDL3, SDL, SDL3, ADL, ADL2, ADL3 and ACL
- MoTeC M1 Series ECUs (depending on Package)
- MoTeC "Hundred Series" and M84 ECUs
- Other manufacturers' devices may be compatible with the V2 over CAN, however data sync in i2 won't work.
- The V2 can be used standalone but no data will be overlaid onto video footage
- Works with i2 Pro and i2 Standard

V2 VIDEO Kit Contents

- V2 Video Recording Unit (includes built in camera)
- 32 GB Micro SD Card with SD card adaptor
- V2 Power/CAN Loom
- V2 Mounting Kit
- V2 Camera Mount

Web	Item Number	Description
	18210	HD VIDEO CAPTURE SYSTEM

Note: The V2 recording unit is supplied with a ferrite core (not shown) that must be fitted to the V2 loom before use.

Video Sync Module (VSM)

MoTeC's Video Capture System (VCS) is an integrated in-car camera system, designed and built for race cars and harsh environments. The VCS records video and audio using the MPEG-2 video compression format at broadcast quality. It includes a built in real-time graphics processor that allows sensor data to be overlaid onto the video in real-time without the need for additional hardware. The CAN interface enables communication with other devices, for example to set Auto Start/Stop Recording conditions. The Video Capture System is supplied as a kit with either a 4 GB or a 16 GB high performance flash card.

The kit includes:

- VCS Pro Recorder
- Camera
- Microphone
- Mini-USB B to USB A Male Cable
- VCS Adapter Loom
- VCS Power / CAN Loom
- Roll Cage Mounting Bracket
- VCS Mounting Plate



On Screen Display

The video may have the following data overlaid if the required sensors are installed in the vehicle:

- Throttle Position: displayed as a vertical green bar graph scaled between 0% and 100%
- Ground Speed: displayed as a gauge from 0 to 300 kph with overlaid numeric value
- RPM: displayed as a gauge from 0 to 9000 rpm with overlaid text value
- G force: displayed as a G circle from 0 to 2G with an indicator point and an overlaid text value for lateral and longitudinal G
- Brake Switch: displayed as a vertical red bar graph
- Gear: displayed numeric in the centre
- Lap number, Lap time, Last lap time: displayed numeric
- Steering: displayed as a steering wheel

Web	Item Number	Description
	M VSM	VIDEO SYNC MODULE