



NEW PRODUCT RELEASE

STACK Motorsport Digital Video Loggers (DVL)

STACK's range of Digital Video Loggers (DVLs) combine the legendary ruggedness, reliability and recording quality of their harsh environment DVR products, validated by years of proven service in heavy industry, defense, and aerospace, with lightweight packaging and crucial datalogging features perfected for the specific challenges of motorsport. Suited for use solely as motorsport digital video recorders, DVLs achieve maximum potential when utilizing their CAN bus interface to connect to existing STACK displays and configurable data systems, or when connected directly to a 3rd party ECU with CAN data stream (such as AEM, Bosch, Mast Motorsports, Motec, etc.). In this capacity DVLs combine multi-camera video recording with precision onboard datalogging to provide perfectly synchronized video and data analysis via PC using the included STACK DataPro software.

Available in two variations, Clubman-3 (3 camera capable, model ST8320) and Pro-4 (4 camera capable, water proof, model ST8321) STACK DVLs for Motorsport incorporate built-in multi-camera processors allowing up to four cameras (depending on model) to be recorded simultaneously with userconfigured scaling, crop, mirror, flip and positioning of each view in the video frame. The result is the ability to view multiple critical points on the vehicle at once, from driver activity to suspension, drivetrain to bodywork, around vehicle views and more!

In order to optimize the benefits of combined video and data analysis for motorsport performance enhancement, it is crucial that video being viewed is precisely matched with data collected. This ensures accurate comparisons and conclusions rather than dangerous estimations and assumptions which cost your program unnecessary expense and lost positions on track. STACK's proprietary, continuous and automatic synchronization process guarantees the video frames and data points viewed in the analysis software are an exact match, every time.

Additional Stack DVL Features:

- Pricing starts at \$1,499
- Dimensions: 152mm x 23mm x 76mm
- Weight: 380g (without memory card)
- Solid-state electronics ensure reliable operation season after season.
- Professional grade, shielded motorsports harness, optional manual record toggle switch and status LED, live view monitor connection cable, single hi-resolution bullet camera and mono-microphone included with each system
- Records video and data to removable Compact Flash card (not included)
- Video resolution 720x480 @ 30 fps (NTSC).
- User configurable aspect ratio (widescreen 16:9 available) and video quality with bit-rates up to 20 Mbps.
- Up to 9 hours of highest quality, full resolution recording (depending upon CF card size)
- Stereo audio recording capable
- Built in 3-axis g sensor for vehicle acceleration analysis and automatic start / stop recording
- User configurable logging rates up to 500Hz (500 samples per second)
- Lap to lap sync video comparison feature in DataPro speeds post race analysis. Pinpoint trouble areas and opportunities to improve efficiently between sessions.
- Optional GPS antenna (sold separately) provides enhanced data features such as GPS coordinate track mapping, vehicle speed, date, time, course, heading and more.
- Additional hardware options include extra cameras, lenses (wide or tight), sun shades, and a variety of billet camera mounts

[Learn more about the STACK DVL here!](#)

For more information about these products and hundreds of other instrumentation options, visit www.stackltd.com or call us toll free at 1-866-248-6356.