

New! COMMANDER 3v data logging and video overlay system

Optional Display can show lap time, lap number, predicted lap time, or any logged parameter. Up to 2 displays can be connected.

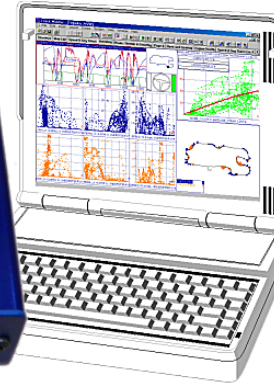


Any analog **Video Camera** can be used with the data-on-video feature. Soon **CDS** will begin selling our own video camera and recorder packages. Check the web site for latest information.

The **data-on-video** feature enables you to see all your performance information right on the video without having to use any software to merge or synchronize data with the video. It is all there to see as soon as you play back the video.



- See your time gain or loss and predicted lap time as you drive each corner and for every action you take, such as changing shift points, driving a different line..
- Know which lap you are on and the lap time as you watch your video.
- Bar graphs show braking and throttle. RPM, speed, max & min speeds, G's, and up to 8 "user channels" are also displayed.

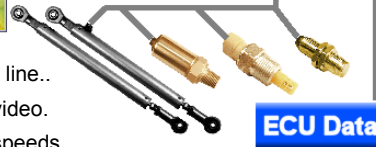


Logged Data is downloaded via usb and analyzed using the industry leading **Track Master** software which is included with each system.

See pages 11-13 in our full line catalog for details.

A 12 or 20 channel **SSI** (Serial Sensor Interface) connects all sensors and feeds data to the **Commander 3v** using the CDS TrackNet interface.

See our full line catalog for details.



The **GPS-2** generates speed and lap time data for the system. No beacon or wheel speed sensor is required.

| Features | COMMANDER 3v System Packages | | |
|---|---|---|--------------------------------------|
| | RC 400 | RC 600 | RC 1200 |
| Channels | 8 Analog, 3 RPM, up to 14 ECU channels | | 16 Analog, 3 RPM, 14 ECU, Expandable |
| Memory | 8 MB. Up to 8 sessions totaling 4 hours or more of logged data can be stored in the Commander 3v at typical logging rates. | | |
| Video data overlay | Y | Y | Y |
| GPS-2 Antenna & Controller | Y | Y | Y |
| Engine RPM | Y | Y | Y |
| Speed (from GPS) & Gear Position | Y | Y | Y |
| Lap Time (from GPS) | Y | Y | Y |
| Predictive Lap Performance Monitor | Y | Y | Y |
| Lateral G & Track Mapping | Y (Accelerometer built-in to SSI) | | |
| Longitudinal G (Braking & Acceleration) | Y (Calculated) | Y (Accelerometer built-in to SSI) | |
| Steering | | Y | Y |
| Throttle | | Y | Y |
| Battery Voltage | Y | Y | Y |
| 4 Suspension / Shock travel | | | Y |
| ECU Interface ² | Y | Y | Y |
| Exclusive CDS Handling Analysis in Track Master Software | N | Y | Y |
| Track Master Software Version | Std | Std | Pro with Chassis Animation |
| Package Price: | \$ 2395 | \$ 2895 | \$ 4795 |
| Add Oil & Water Temp + Oil Pressure | | \$ 300 | |
| Upgrade from 12 to 20 Sensor Channels | | \$ 700 | Has 20 sensor Channels |
| Included in Package: | All hardware, software, sensors AND custom built "plug and play" wiring harness with all waterproof connectors installed plus free software updates via our website | | |

New! INFORMER 2 video overlay system

THE CDS INFORMER 2 transforms any in-car video recording system into a data acquisition system by overlaying performance data onto the in-car video. The Informer 2 processes raw data into useful information and answers including the Predicted Lap Time, the Time Difference, and Recent Time Difference.

INFORMER 2 is an accessory that can be added to any CDS Commander 2, Co Pilot or Co Pilot 2+ system.



"Live" Data

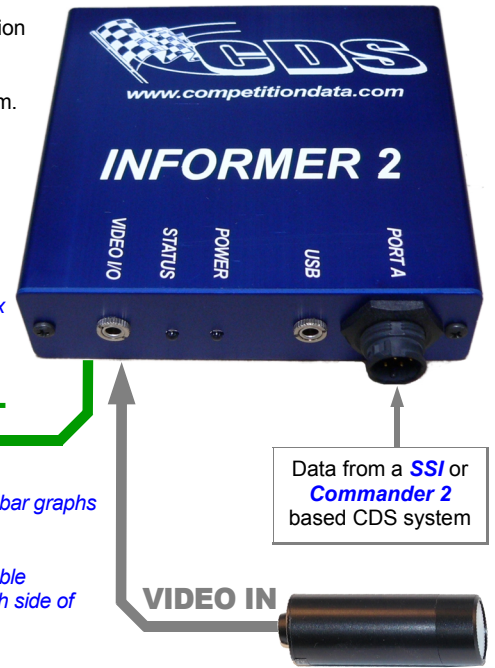
Min speed in the last corner and Max speed on the last straight.

VIDEO OUT

Brake and Throttle bar graphs

Up to 8 user-definable channels, 4 on each side of the screen.

Performance data, including lap number, last lap time (LT), Baseline Lap Time, Predicted Lap Time for the current lap, Recent Time Difference (RTD), and Time Difference (TD) for the current lap. See page 7 of our full line catalog for a detailed explanation of TD and RTD.



GPS-2



The GPS-2 is our second generation GPS receiver. It provides all the features and benefits of our original GPS (as detailed on page 6 of our catalog).

- Accurate, consistent and RELIABLE lap times without setting out a beacon
- Speed data free from errors caused by wheelspin, brake lock, tire squish, and wheel lift
- Improved sensitivity for excellent speed data under bridges and trees
- Improved lap time accuracy
- Much smaller, more rugged antenna
- Plug-and-play compatible with all CDS systems

ALSO available:

- Plug-and-play kits for use with Aim, Pi, Stack, Motec, and other systems

Upgrade today!

Wide Band Air-fuel



WBAF-2

Low cost wide band sensor and controller

- Measures actual air-fuel ratio or lambda
- Easy free air calibration
- Compatible with gas or alcohol
- Miniature waterproof 2 channel controller comes with 1 or 2 sensors.
- Linear 0-5 volt outputs are compatible with any data system.
- Simple, accurate, repeatable, and reliable

Tire & Brake Temps



(Actual Size)

SEN-22 (up to 300 Deg. F.)
SEN-22H (up to 1470 Deg. F.)

These tiny sensors are designed specifically for reading race tire temperatures and brake rotor & caliper temperatures.

- 22 degree field of view
- 0-5 volt output (no amplifier required)



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