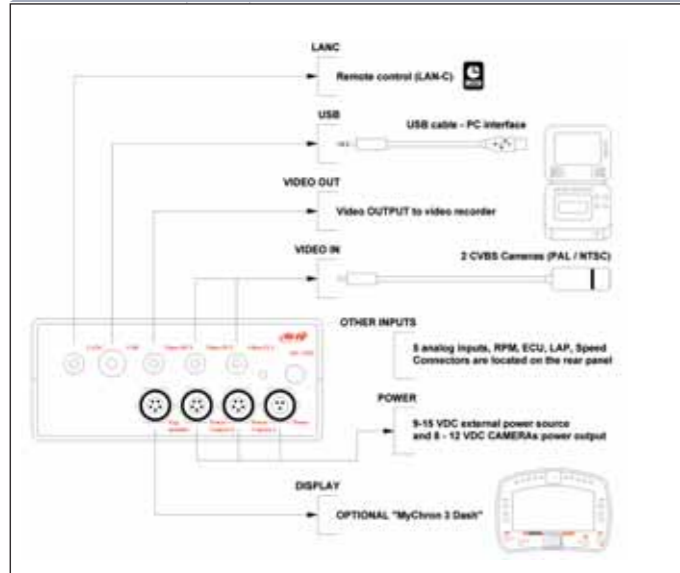


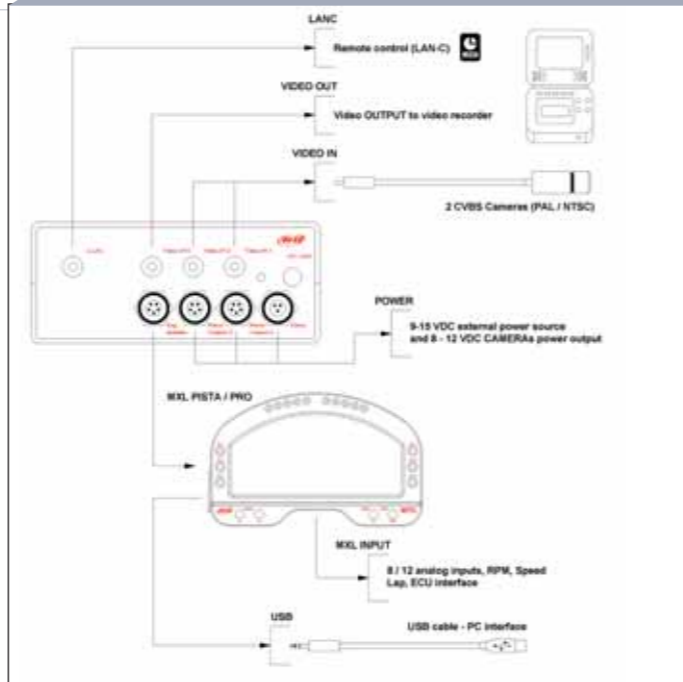


TECNICAL DATA

DaVid Standalone



DaVid Slave Expansion



DAVID
Data Video



Characteristics

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	Standalone version	Slave Expansion version
Input Camera	Up to 2 cameras - CVBS standard	
Standard video	NTSC / PAL	
Output	CVBS output to video recorder (NTSC / PAL)	
Remote control	Available (LAN-C)	
Lap	From optical receiver	From CAN connection with Master device
Speed	1	
RPM	From Coil, Square wave signal or from ECU	
ECU	CAN / RS232 protocols for ECU interface	
Analog inputs	5	
Sensor type	Potentiometers, Thermocouples, Thermoresistors, Pressure sensors, Lambda sond, custom sensors	
PC interface	USB cable - 300 Kb/sec	
External optional dash	MyChron 3 Dash	-
Weight	620 g	500 g
Dimensions	128 x 116 x 50 mm	

Legend

- y Included with the system
- 0 Optional
- N.A. Not Available
- M.D. From Master Device

System features

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System components

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System sensors

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	Standalone version	Slave expansion version
PAL or NTSC standard video output	y	y
Video recorder start-stop control	y	y
Set-up via software	y	y
8 megabytes datalogger	y	N.A.
Video system core	y	y
NTSC or PAL cameras	0	0
NTSC or PAL Video recorder	0	0
System harnesses	y	y
MyChron 3 Dash	0	N.A.
Software	y	y
Infra-red lap timing kit	y	M.D.
Wheel speed sensor	y	M.D.
ECU CAN / RS232 interface	y	M.D.
RPM sensor	y	M.D.
Lateral and longitudinal G-sensors	y	M.D.
Oil & water temperature sensors	0	M.D.
Oil & fuel pressure sensors	0	M.D.
Brake / Throttle potentiometers	0	M.D.

YOU ARE THE DIRECTOR



>>>> www.aim-sportline.com



DaVid is a powerful video and data logging system that merges 2 video signals with your dash display.

DaVid combines AIM's proven data logging technology with innovative video techniques.

Easily review previous driving sessions with the most important information right in front of you: RPM, speed, brake and throttle position, gear, lateral and longitudinal G-force and lap time.

The Data Video Box is the heart of the system. The Data Video Box collects data from 2 cameras along with lap times and engine and chassis performance data.

DaVid underscores our commitment to your racing success - when you learn more about how you drive and race, you perform better.

DaVid is available in a slave expansion mode too. It receives all data from the MXL via the CAN interface.



AIM friendly use

As with all AIM products DaVid is user friendly too - thanks to ECT - Easy Connection Technology. DaVid connects to many popular ECUs by selecting from a custom database.

All signals shown on the dash are received because of a single connection (CAN or RS232).

Your ECU does not provide a serial connection ? - no problem, DaVid analog inputs are extremely flexible and can suit any situation.

A set of optional sensors allows you to work with out compatibility problems.



AIM freedom to configure

Freedom of choice has distinguished AIM products for many years.

You choose how to configure your dash: instruments, dimensions, RPM scale, colour, font, team logo.

You can of course configure supported sensors (type, units, rpm scale), method of starting and stopping recording. A Lan C line connects the Data Video Box to the video recorder.



AIM compatibility

Video output can be either PAL or NTSC, compatible with both available TV standards.



Software

Using Race Studio 2 software you can analyze the data downloaded to your PC, gaining useful information to improve both the vehicle set up and driver performance.

Race Studio is compatible with all AIM products and operates under windows 98, 2000, ME and XP.

The software is constantly updated and is able to be downloaded from our web site free of charge.

