

In-Car Video

DataToys In-Car Video Systems

Professional video made simple!



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DataToys digital video systems are used by professional race teams around the world in NASCAR, World Challenge, Grand-Am, and Formula One for one reason: **they are simply the best on the market!** DataToys systems are designed to withstand the most extreme conditions racing can dish out, and all of the components have been optimized to work together with no guesswork or shopping for parts. From the shielded, waterproof and positive-locking cables to the solid state, shock-resistant video recorder producing the best video on the motorsports market, it's no wonder why DataToys systems are chosen by the best teams to shoot the best in-car video. It's professional video made simple!

Up to Four Cameras!

You can make your DataToys System as simple as a single bullet camera mated to a digital recorder, all the way up to a four-camera system with Picture-in-Picture capabilities. And since it is all modular, you can expand and change your system any time you want.

The **Bullet Camera** is a waterproof 580 line camera. The cable features military-style locking connectors and a strain relief for longer life. The camera weighs about 1.6 ounces and measures about 2.8" x 0.8" (72mm x 21mm). Each camera kit includes the bullet camera, two camera mounts, a microphone, and a 2 meter extension cable.

The **XM-DVR Pro Digital Video Recorder** records professional-grade MPEG2 video at up to 10mbps, nearly twice the rate of a DVD. The XM-DVR Pro can record directly from a bullet camera or from the Multi-View Quattro Video Processor. Records up to two separate channels. The output from the Multi-View Quattro is considered one channel.

The **Multi-View Quattro Video Processor** mixes up to four video channels into a single output channel. The four channels can be arranged in any of 38 different picture modes (Picture-in-Picture, split screen, etc) and the built-in 2-axis accelerometers and clock have 13 different settings. If you will be using only 1 camera, you do not need the Multi-View Quattro unit. If you will be using 2 cameras, you can either record them as separate channels with the XM-DVR Pro alone, or you can mix them into one picture with the Multi-View Quattro. Systems with 3 or more cameras require the Multi-View Quattro.



DataToys bullet cameras feature a strain relief on the cable for longer life.



Above: XM-DVR Pro Digital Video Recorder Part No. 9750-600
Kit includes AC and DC adapters, wireless remote control, USB cable, and AV cables.



Left: Multi-View Quattro Video Processor Part No. 9750-610
Allows many different Picture-in-Picture options. Includes AV cables to connect up to 4 DataToys bullet cameras.

Single Bullet Camera Kit (no recorder) Part No. 9750-660 \$299.99
Includes waterproof 580 line bullet camera, 2 mounts with camera cradle, amplified microphone, and a 2-meter extension cable. Recorder sold separately. NTSC format for use in North America and Japan. PAL cameras are also available through our website.

XM-DVR Pro Digital Video Recorder (no memory card) Part No. 9750-600 ... \$1,399.00
Records professional-grade MPEG2 video at up to 10mbps, nearly twice the rate of a DVD (5-6mbps). Includes AC and DC adapters, wireless remote control, USB cable, and all necessary AV cables. Records to Compact Flash memory card (sold separately).

Compact Flash Memory Card, 4GB, approx. 1 hour Part No. 9750-672-4 ... \$99.99

Compact Flash Memory Card, 8GB, approx. 2 hours Part No. 9750-672-8 ... \$169.99

Compact Flash Memory Card, 16GB, approx. 4 hours Part No. 9750-672-16 . \$299.99

These super-fast (45MB/sec) cards are the only type fast enough for the XM-DVR Pro.

Multi-View Quattro Video Processor (no recorder) Part No. 9750-610. \$799.00
Mixes up to four channels into a single video-out signal for 38 different picture modes with on-screen accelerometer. Requires cameras and recorder, sold separately.

Aluminum Pro Collar Mount Part No. 9750-675 \$34.99
The Bullet Camera Kits include a plastic camera cradle. This aluminum camera collar offers the ultimate in steady, secure mounting.

XM-DVR Pro Wired Stop / Start Switch Part No. 9750-670 \$59.99
Start and stop your recording from the driver's seat! The XM-DVR Pro normally records whenever it is powered up, but this switch allows you to manually control recording.

External LCD Monitor Part No. 9750-671 \$149.99
The XM-DVR Pro recorder does not have an output screen, so this compact 5.6" monitor can be mounted in a dash for aiming your on-board cameras. It also features a speaker for immediate playback. Build a simple enclosure for it if you do not mount it in the dash.

AiM SmartyCam Video Camera with Data Overlay

The **AiM SmartyCam** is a revolutionary, solid-state digital video camera that can be used as a stand-alone camera or connected to an AiM data logger. As a stand-alone unit, the built-in GPS and 3-axis accelerometer calculate speed, acceleration, lap time, track map, and track position. All of this information can be overlaid on the video footage **without ever connecting to another piece of equipment!** When connected to an AiM data logger, any parameters logged by the dash can be included on the video image. The recorder is built into the camera, yet it is compact enough to use as a helmet camera for snowboarding, bicycling, or parachuting. It is also waterproof, so it can even be used for scuba diving! Records up to 4 hours of DVD-quality video on the (included) 4GB MicroSD memory card. Battery lasts up to 3 hours, or you can connect directly to vehicle power. Features a built-in microphone and LCD monitor screen for real-time image preview. Weighs less than 8 ounces including battery and measures less than 5" x 2" x 2".

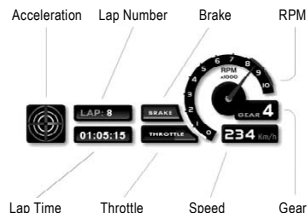
AiM SmartyCam Kit Part No. MC-540 \$999.00
Includes camera mount, CAN cable for connection to AiM data loggers (can be modified for connection to vehicle power), USB cable, AC charging adapter, 4GB MicroSD card, and SmartyManager software.



AiM SmartyCam Part No. MC-540

Complete kit includes camera with battery, camera mount, 4GB MicroSD memory card, CAN cable, USB cable, AC charging adapter, and SmartyManager software.

Example of data which SmartyCam is capable of displaying in REAL TIME on your videos



Note: Brake, Throttle, RPM, and Gear display require connection to AiM data logger. Acceleration, Speed, Lap Number, and Lap Time are also available in stand-alone mode.

Video Camera Mount

Studying a video tape of a race or practice session can have many benefits, from providing evidence in a protest situation to sharing exciting racing moments with family and friends. This mount has an elastomer bushing to help isolate high frequency vibrations from the camera. Three-axis adjustment makes it easy to aim the camera in any direction. The mount firmly clamps to a roll bar brace, or it can be bolted to any flat surface. Includes a security strap as required by SCCA.

Video Camera Mount Fits 1.25 to 2.00 inch diameter bars. Includes security strap. Part No. 2420. \$109.99
Security Strap Only (to retrofit older mounts) Part No. 2422. \$5.99
Spare Parts Kit Includes self-adhesive cork pad, attachment knob, and knob retainer plug. Part No. 2418. \$26.99

Video Camera Mount Part No. 2420
Includes SCCA-approved security strap.

