

XM-DVR Pro Frequently Asked Questions

Q: **I've just purchased the XM-DVR Pro; which CF card should I purchase?**

A: Due to the large amount of data being written we recommend nothing less than the 266X or 40MBps write speed. These would equate to the SanDisk Extreme IV (40MBps) and Extreme Ducati (45MBps). We do not recommend any other brand but SanDisk due to overrated write speeds and file corruption problems from other brands.

Q: **When I power on the XM-DVR Pro I only get a green light. Is it broken?**

A: Typically this is one of two problems; you either do not have a CF card inserted, or you have the CF card in the upper slot which is CF Slot 2. In order to boot the XM-DVR Pro needs to have a memory card inserted into Slot 1.

Q: **Is the IR Remote required to record video?**

A: Short Answer; NO. The IR Remote, supplied with your XM-DVR Pro, is NOT REQUIRED to start or stop recording. There is however a VCR setting where the remote can be used to stop and start recording, however we recommend the switch method stated below.

Q: **How do I record?**

A: There are multiple ways of generating a recording. If you purchased the optional wired START/STOP Recording switch, simply apply power to the DVR and flip the recording switch to ON position. Flip to OFF when done. The amber light will blink more frequently when recording. The other option is to set alarm trigger to N/C, remove the switch and the unit will record after boot.

Q: **Two red cameras appear at the bottom of my screen and it will not record, why is this happening?**

I am trying to record video on my XM-DVR Pro. I have the cameras connected and the recorder powered up using the "bench top" power supply that comes with my Base (or Plus) kit. I do not see what the camera is supposed to be aimed at. I do see in a status bar with two RED cameras.



A: This is normal. As described in the User Manual, the 110/220VAC→5V DC "bench top" power supply is intended for Debriefing (playing back videos), testing or programming the DVR. It is not intended to nor is it capable of providing power to 12VDC cameras, microphones and other accessories. If you wish to make a recording, please disconnect the 2.5mm plug from the 5VDC power jack and attach the Binder-712 screw-on dual voltage (5V/12V) power regulator. This powers both the DVR and cameras at the same time.

Q: **How do I copy videos to my computer?**

A: Please install USB Drivers & USB Explorer software from the XM-DVR Pro Software CD that came with your DVR. You can also download the DVR Explorer software and "Using the DVR Explorer Application" guide from our web site: <http://www.datatoys.com/docs.htm#DOWNLOAD> keep in mind the software is meant for PC's and you will need a PC emulator if you have a MAC.

Q: **How do I make a DVD of my recordings?**

A: There are numerous ways of doing this as well. The easiest is to download a trial version of Nero 8 from <http://www.nero.com/> and you will be authoring your first DVD in less than 30 minutes. Sony also makes a straight to DVD burner that can be used with the XM-DVR Pro's AV Out allowing you to completely bypass the computer.

Q: **XM-DVR unit has the red fault light on, and a fast blinking Yellow active light. What does this mean?**

A: Fast blinking yellow LED is NORMAL. It means your XM-DVR Pro is recording. Red "fault" LED may indicate different things depending on circumstances. Most often, it means that the date and time values need to be set. It may also mean you have no more space left on the CF media to continue recording.

Q: **When I play back video on my television the quality is poor. What is wrong?**

A: When playing back video you want to make sure your settings are correct. Be sure your TV is in 4:3 mode at 480P, Also make sure your sharpness and color is adjusted properly. You also want to make sure you are at the appropriate distance from the television. Most large screen televisions were designed for viewing over 12 feet back.

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Q: MPEG2 VIDEO QUALITY / INTERLACING / “JAGGED EDGES”

How come my MPEG video looks “bad” on a PC? I see “double lines” and “jagged edges” on my video when playing it on a PC?

A: XM-DVR Pro records INTERLACED video in both PAL/SECAM and NTSC. This is the standard. When playing on a PC, the computer does much better with NON-INTERLACED video. Please either:

- 1) De-interlace the video [using **TMPGEnc 4.0 XPress** or another 3rd party program) and then re-play it on your PC, or
- 2) Author a “real” DVD playable in any commercial DVD Player using Nero 8 or a similar DVD authoring tool.

TMPGEnc 4.0 Xpress can be purchased directly from the Pegasus Inc. web site: <http://tmpgenc.pegasys-inc.com/en/product/te4xp.html>

Q: VIDEO RESOURCES & 3rd PARTY WEB SITES

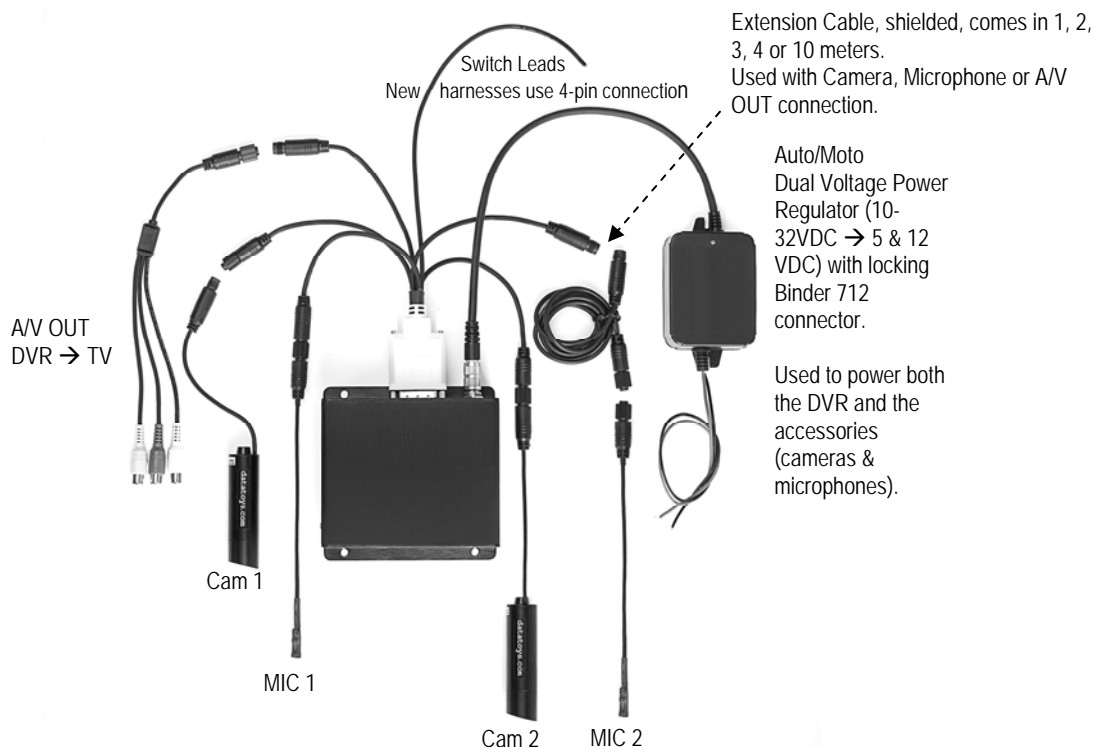
Where do I find the “best” editing, de-interlacing and authoring programs? How do I get more information on DVD creation, DVD regions, HD, and other advanced stuff?

A: Please visit <http://www.VideoHelp.com> – this is an excellent resource for all video questions.

Q: HOW TO CONNECT A DUAL CAMERA SYSTEM

I have a “PLUS 2” kit. How do I hook it all up?

A: Thank you for your purchase and welcome aboard! Connecting all the pieces together is easy -please see the diagram below or look at the last page of your User Manual. All connections on the DVI (big white plug) harness are labeled: Cam 1, Cam 2, MIC 1, MIC 2, A/V OUT, and SWTCH. Connect Camera #1 to Cam 1, Microphone #1 to MIC 1, Optional external monitor/TV to A/V OUT, etc. SWTCH cable contains four (4) individual wires which may be used to trigger a recording. See User Manual for details.



Q: WHAT IS THE RS232 PORT FOR?

Is the RS232 port used for remote control recording activation? Do you have a switch to connect to RS232?

A: RS232 port is used for special control functions and/or SDK programming. Sample applications may include “DIY” control panel(s) driven by a PIC controller. It is mostly used by OEM customers who wish to emulate our IR Remote Control for more complex or user-specific requirements, such as Video Debriefing while the vehicle is still in motion and not being able to take advantage of a wireless remote.