

## SCHOOL BUS VIDEO QUICK WIRING for DE-SD4 DVRs

### Power Harness Cable

Wire Color	Function
Red	+12v Battery (Fused 15A)
Yellow (Trigger -ACC)	+12v Ignition On
Black	-12V Ground

### Product User Manuals:

*In an effort to reduce the superfluous duplication of a multiplicity of printed documents and provide a effective reduction of carbon, electricity, printer chemicals and reduction of waste... all User Guides are provided online in an electronic "PDF" file format for free viewing & download by users and customers. Please consider the environment before printing unneeded user guide for file storage. Should you wish to keep a copy, please choose and electronic file copy to reduce the demand for natural resources.*

### Product Graphical User Interface (GUI):

*Again, in an effort to reduce the superfluous duplication of a multiplicity of CDs, DVD, and other disposable plastic based media forms typically used to provide the customers a method to receive the GUI aka Video Player Program for their PC, we have chosen to again provide a effective reduction of carbon, electricity, plastic CDs & DVDs and reduction of waste... all GUIs aka Video Player Programs are provided online for simple download by users and customers.*

The Video Player software is available to download by visiting our online Customer Resources FTP at:  
<http://www.americanbusvideo.com/CUSTOMER-FTP/>

E-mail for technical support:  
[sales@AmericanBusVideo.com](mailto:sales@AmericanBusVideo.com)

## American Bus Video

**Fleet Management Inc.**

2545 Valley Ridge Drive

Cumming, GA 30040

(770) 263-8118 (770) 887-5944 Fax

<http://www.FleetDriverRiskManagement.com>

**21+ years Mobile Digital Sales & Service**

## GPS On Screen Mapping Feature

SD Card Transfer Rates may not be what they claim to be on the package:

Video Streaming DVRs require extremely high transfer rates along with an internal processor capable of permitting sustained transfer of data at those extremely high rates to function properly. Some SD cards may have a peak transfer rate of what is listed on their label, but they cannot support that momentary peak rate full time. We recommend only using the cards we supply, or a high quality card like "SanDisk Extreme III" series to insure they function properly. Customers buying cheap SD cards from discount retailers or online suppliers have found many are far too slow for the DVR to function.

Internet Interface:

Free On Screen Mapping feature (GPS equipped DVRs only) requires program access to the Internet for Google provided map & zoom features. This feature is disabled if our programs Internet access is not permitted.

Communication port required:

HTTP Port 80 (TCP connection)

As long as this prefix is not blocked and the system has direct Internet access, it should work. If access is very slow, it may not download a tile in time to download another one. You would still see a .map file being created, but you should see at least a periodic tile get rendered.

If you can pull up maps under <<http://maps.google.com>><http://maps.google.com> on the destination machine, it should work.

GPS Acquisition Delay:

The delay of the GPS system to acquire sufficient satellites for accurate measurements will take approximately 2-3 minutes from the power up time. It has been found that faster function has presented displayed measurements that could be erroneous, so this delay is a built in safeguard.

Antenna Mounting:

Roof mounted GPS antennas will obtain the best function. It is also a good idea to not coil up excess antenna cable as it can create an electromagnetic interference and be detrimental to the proper function of the GPS system. Excess cable should be loosely tucked behind bus panels and not tightly rolled up to insure peak performance.

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