

# QUICK WIRING for: FHD4G, FHD4W & FHD4W

## Mobile Video Solutions

### Power Harness Cable

Wire Color	Function	Plug Pin
Brown	+12v Battery (Fused 1.5A)	Pin # 1
Blue (Trigger -ACC)	+12v Ignition On	Pin # 2
Black	-12V Ground	Pin # 3

Download & Read: SD4D User Manual

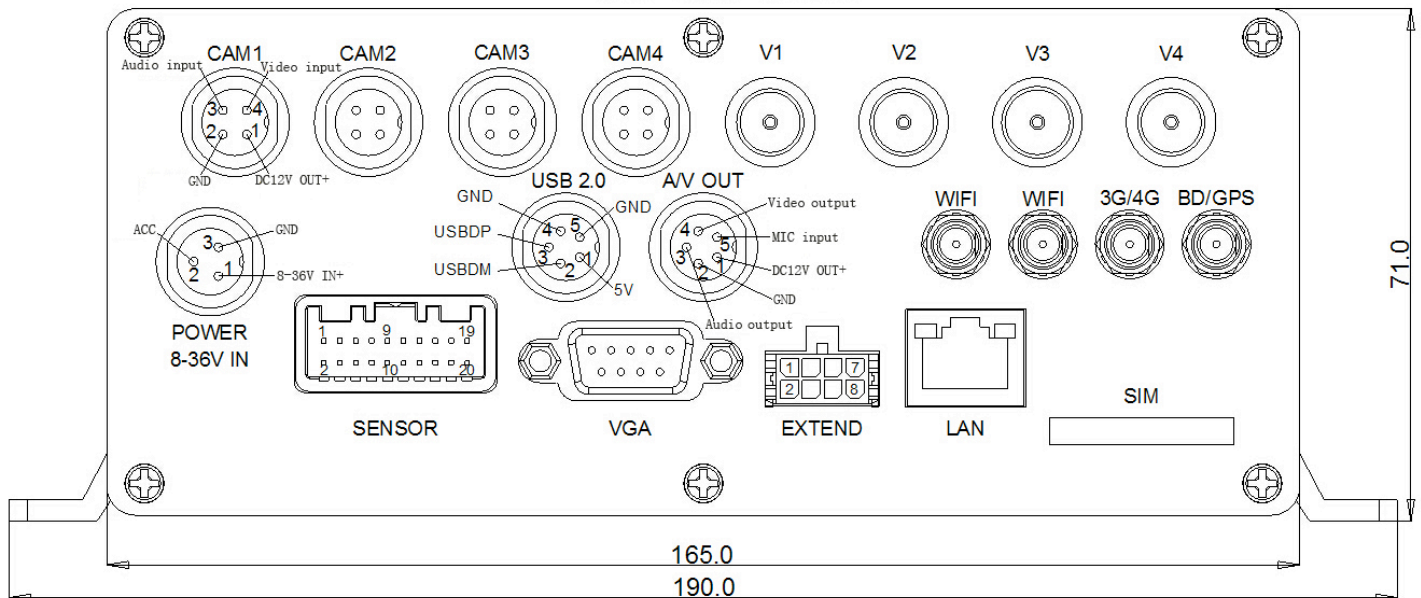
<http://www.americanbusvideo.com/CUSTOMER-FTP/FHD4/User%20Manual%20&%20Suppliments/>

Manufacturer Provided SD4D Dedicated Video Player

[http://www.americanbusvideo.com/CUSTOMER-FTP/FHD4/DVR\\_Player%20setup/](http://www.americanbusvideo.com/CUSTOMER-FTP/FHD4/DVR_Player%20setup/)

Select "Video Player", Select the download version you wish

### 4CH SDI 1080P

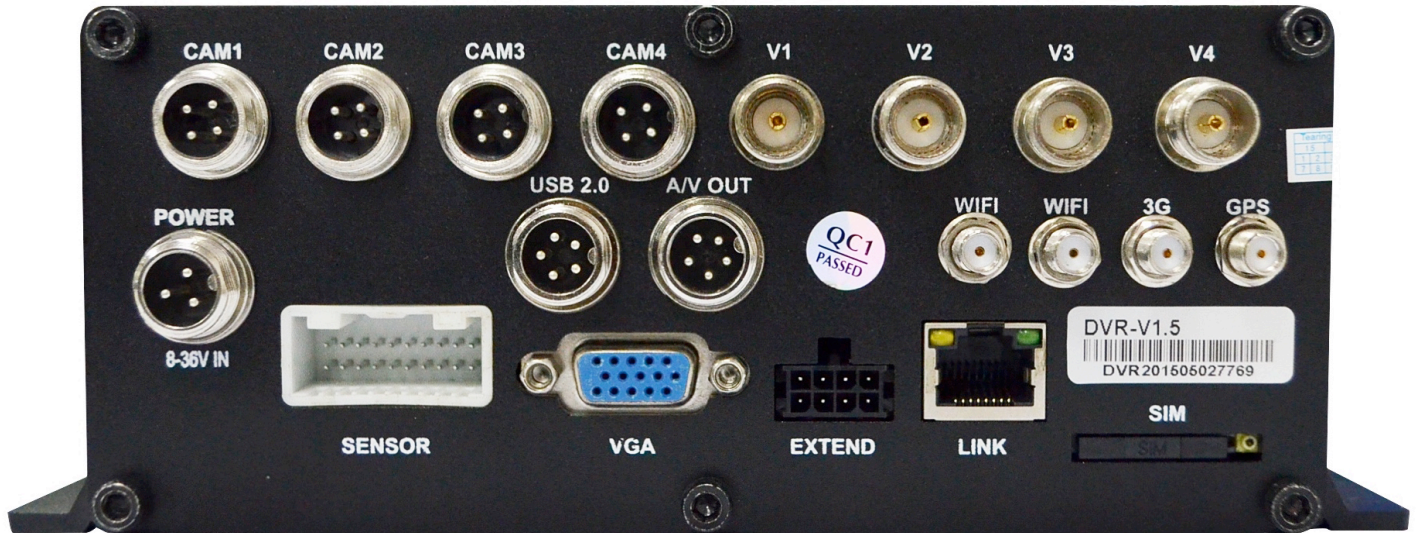


#### SENSOR Interface definition:

1 Canbus+	11 Alarm input 1
2 Canbus-	12 Alarm input 3
3 RS485+	13 Alarm input 2
4 RS485-	14 Alarm input 4
5 Alarm outputCOM1	15 Alarm input GND
6 Alarm outputCOM1	16 Alarm input GND
7 Alarm outputCOM2	17 Alarm input 5
8 Alarm outputCOM2	18 Alarm input 7
9 Alarm input GND	19 Alarm input 6
10 Alarm input GND	20 Alarm input 8

#### EXTEND Interface definition:

1 DC12V OUT+
2 DC12V OUT-
3 Audio input
4 Audio output
5 RS232 (RX)
6 Video output
7 RS232 (TX)
8 Video/Audio GND



## Important User Information

### HD-SDI Cable Connection & Sourcing Warning \*\*\* Important Notice Regarding Warranty

Do not connect any camera cable to the FHD4G, FHD4W or FHD4C High Definition DVR while the DVR is powered up, or while any of the LED indicator lights are illuminated, or this action will VOID the Warranty of the FHD4G, FHD4W or FHD4C DVR.

HD-SDI signal speed is 1 - 1.5 GHz/s and compared to analog signal of 550TVL 270 MHz/s it is 4 - 5 times faster so the need for a coaxial cable is important. HD-SDI dedicated coaxial cables do not exist commercially yet, so the existing coaxial cable with impedance of 75ohm coaxial cable must be used for installation and when there is a break or BNC connector then the additional elements of external shock must be cautioned while reconnecting the camera cables or camera extension cables.

### Required Camera Cable Connection To DVR Procedure:

- Remove all power from the DVR,
- Check the LED indicator lights to make sure they are not illuminated,
- Connect Camera Extension cable to the camera optical head,
- Then & only then connect camera Extension cable to DVR.

Those who fail to read this warning, and or fail to follow "Required Camera Cable Connection To DVR Procedure" will be liable for all cost of repairs to the DVR as well as all non-warranty related shipping costs.

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