

## UMAX-OUT DVI4

### DVI seamless output card



#### Function

- 4 DVI-I female interfaces with 3.5mm audio sockets.
- Maximum output distance up to 7 meters.
- Support hot-swapping function; Support synchronized switching of audio and video signals.
- Support EDID reading.
- Support DVI1.0 protocol.
- Maximum resolution supported: 1920x1200P@60HZ.

#### Specifications

Parameter name	UMAX-OUT DVI4
Protocol	DVI1.0
Gain	0 dB
Pixel bandwidth	165MHz, full digital
Interface bandwidth	2.25Gbps, full digital(a total of 6.75Gbps, each color is 2.25Gbps)
Maximum support resolution	1920x1200P@60Hz
Clock jitter	<0.15 Tbit
Rise time	<0.3Tbit (20%--80%)
Fall time	<0.3Tbit (20%--80%)
Maximum transmission delay	5nS(±1nS)
Connector	4 female DVI-D connectors, 4 3.5mm audio socket
Signal strength	T.M.D.S. +/- 0.4Vpp
Min/Max level	T.M.D.S. 2.9V/3.3V
Impedance	50 Ω
EDID	N/A
Max DC offset error	15mV
Recommended max input/output distance	Output less than 7 meters, in the 1600x1200@60Hz(recommended use certified DVI special wire, such as Molex TM wire)
The product weight	About 0.5KG
Max power dissipation	15W

## UMAX-OUT SDI4

### SDI seamless output card



#### Function

- 4 seamless BNC female connectors; 4 loop-out BNC female connectors.
- Support hot-swapping function.
- Support HD/3G SDI signals output.

#### Specifications

Parameter name	UMAX-OUT SDI4	
Connector	4 BNC connectors, 4 BNC loop-out output	
Protocol	SMPTE 425M SMPTE 424M SMPTE 292M SMPTE 259M-C	
Video	Pixel bandwidth	2.970Gb/s, 1.485Gb/s
	Interface bandwidth	2.25Gbps, full digital(a total of 6.75Gbps, each color is 2.25Gbps)
	Max support resolution	1920x1080P@60Hz
The product weight	About 0.5KG	
Max power dissipation	20W	

System diagram

