



# DVI2USB Solo



The DVI2USB Solo is Epiphan Systems' most compact DVI capture device and is capable of capturing single link DVI signals at resolutions of up to 1920x1200. With the ability to capture, archive, and broadcast images and video from any single link DVI source without any loss in picture quality, the DVI2USB Solo is the ultimate solution for easy and effective DVI capture.

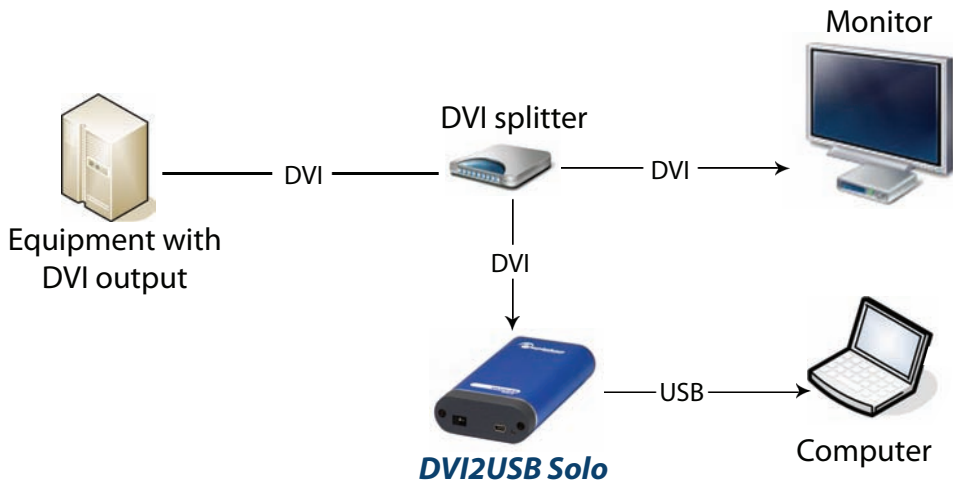


Being a single-purpose frame grabber, the DVI2USB Solo is fine tuned for the capture of digital single link DVI signals only. This means that the DVI2USB Solo can grab images from any DVI source with a resolution of up to 1920x1200. What's more, the performance-oriented DVI2USB Solo is able to achieve capture rates at up to 30 frames per second without any loss in picture quality.

Being a compact and portable device, the DVI2USB Solo is easy to transport, store, and implement into existing systems. Furthermore, the DVI2USB Solo's internals are enclosed in rugged aluminum casing, making this device perfect for industrial and field applications.



## DVI2USB Solo Connection Diagram



### Features:

- 1920 x 1200 maximum capture resolution.
- Capture rates of up to 60fps.
- Compatible with digital single link DVI signals only.
- 100% lossless on board compression.
- External power source required. Universal adaptor included.
- Full hardware solution – no software required on source machine.

### Technical Specifications:

<b>Interface</b>	USB 2.0	
<b>Dimensions</b>	116 mm x 60 mm x 23 mm, 4.57" x 2.36" x 0.91"	
<b>Connectors</b>	DVI single link, USB 2.0	
<b>Input</b>	DVI	
<b>Video Sampling</b>	24 bits per pixel, 8:8:8 format 16 bits per pixel, 5:6:5 format 8 bits per pixel, 3:3:2, 3:2:3, 2:3:3 or 256-grey scale format 4 bits per pixel, 16-grey scale format	
<b>Integrated Board Features</b>	On-board loss and loss-less image compression (proprietary) On-board memory (no-interlacing artifact)	
<b>Mode support</b>	720x400 at 70, 85Hz 640x480 at 60, 70, 72, 75, 85Hz 800x600 at 56, 60, 70, 72, 75, 85Hz 1024x768 at 60, 70, 72, 75, 85Hz 1152x864 at 60, 70, 75, 85Hz 1152x900 at 66, 76Hz 1280x960 at 60, 85Hz 1280x1024 at 60, 70, 75, 85Hz 1600x1200 at 60, 65, 70, 75, 85Hz 1920x1200 at 60, 65, 70, 75, 85Hz	
<b>Frame rate</b>	For loss-less frame acquisition	
	<b>Resolution</b>	<b>Frame rate</b>
	640 x 480	30.0 - 60 fps
	800 x 600	22.6 - 60 fps
	1024 x 768	15.0 - 60 fps
	1280 x 1024	10.0 - 52 fps
	1600 x 1200	8.0 - 34 fps
	1920 x 1200	5.2 - 32 fps
<b>LEDs</b>	One LED that indicates the status of the DVI2USB Solo (power, readiness, and operation in progress)	
<b>OS Support</b>	Linux(x86, amd64), Windows 2000, Windows XP, Windows Vista (x86, amd64), Mac OS X 10.3 and up	

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