COMPACT EXTERNAL FRAME GRABBER

VGA **2** Ethernet



Key Features_____

- Captures and transmits VGA, DVI or HDMI video to Ethernet at up to 60 fps
- Supports 3.5 mm stereo audio input
- Supports resolutions up to 1920×1200 with 100% lossless signal transfer
- Interfaces with DirectShow-compatible third party applications on Windows, QuickTime on Mac OS X and V4L (Video4Linux) on Linux

VGA2Ethernet[™] is a compact external network frame grabber. Using state-of-the-art pre-compression technologies developed by Epiphan Systems specifically for the VGA2Ethernet, The device captures diagnostic-quality, 100% lossless images from any DVI/HDMI/VGA/RGB source.

VGA2Ethernet uses an RJ45 10/100/GigE Ethernet port to interface with the target computer, allowing transfer rates up to 1 gigabit per second.

VGA2Ethernet captures audio via 3.5 mm stereo input and captures composite or S-Video signals using a converter cable (purchased separately).

Technical Specifications_

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Interface	RJ45 Gigabit Ethernet		
Dimensions	7.95"×4.13"×1.38", 202×105×35 mm		
Connectors	Two DVI-I (digital + analog; one in and one pass-through), two Ethernet RJ45, two 3.5mm audio, 5V DC power supply		
Sample Rate		5"×4.13"×1.38", 202×105×35 mm DVI-I (digital + analog; one in and one pass-through), Ethernet RJ45, two 3.5mm audio, 5V DC power supply - 270 Megapixels per second (non-interlaced) - 330 Megapixels per second (interlaced grab) Itiple RGB and YUV (YCbCr) color formats including 324, YUY2, and I420 to 1920×1200. Custom VGA modes. (Frame rate varies depending on content.) Resolution Frames per second 640×480 28.0 - 60 800×600 18.0 - 30 1024×768 13.0 - 30 1024×768 13.0 - 30 1920×1080 5.0 - 30 3 plus HSync and Vsync signals (Hsync 15KHz to 150KHz) 3 plus Csync signal 3 with Sync-On-Green synchronization ee LEDs to indicate the status of the VGA2Ethernet wer, readiness, and operation in progress)	
Color Resolution	Multiple RGB and YUV (YCbCr RGB24, YUY2, and I420) color formats including	
Supported Video Modes	Up to 1920×1200. Custom VGA modes.		
Update Rate			
	Resolution	Frames per second	
	640×480	28.0 - 60	
	800×600	18.0 - 30	
	1024×768	13.0 - 30	
	1280×1024	8.0 - 30	
	1920×1080	5.0 - 30	
Video Format Options	RGB plus Csync signal		
Indicators			
OS Support (32-bit and 64-bit)	Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X 10.4 and up (including PowerPC), Linux		

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