VGA2Ethernet

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

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	12 – 270 Megapixels per second (non-interlaced) 165 – 330 Megapixels per second (interlaced grab)
Color Resolution	Multiple RGB and YUV (YCbCr) color formats including RGB24, YUY2, and I420
Supported Video Modes	Up to 1920×1200. Custom VGA modes.

Update Rate	(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
	1280×1024	8.0 - 30
	1920×1080	5.0 - 30

Video Format Options	RGB plus HSync and Vsync signals (Hsync 15KHz to 150KHz) RGB plus Csync signal RGB with Sync-On-Green synchronization
Indicators	Three LEDs to indicate the status of the VGA2Ethernet (power, readiness, and operation in progress)
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