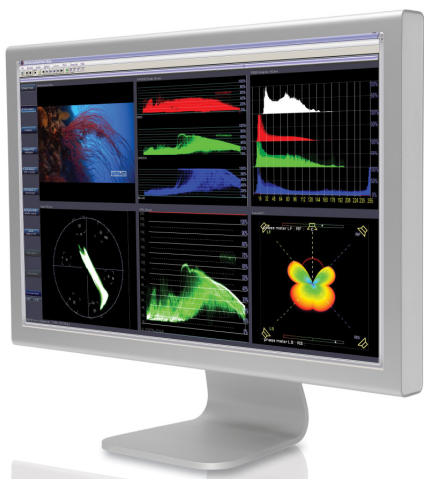


## Software scope for Dual link/HD/SD/HDV/DV via capture card or files supplied on a USB



VidScope-HD444 is a software Windows™ PC based real-time television program monitoring, measurement, display and capture tool intended for professional program production users.

With automatic and objective analysis of HD Dual Link, 3G HD, SD, HDV, DV or off line AVI's, VOB's, MPEG or Windows Media files, this version extends VidScope's input capabilities to accepting live sources in RGB 4:4:4 formats.

These being delivered from a Dual Link or HDMI capture card in either HD or SD formats or alternatively from files containing RGB in various formats.

There are settings for either studio or computer RGB levels and either 8 bit or 10 bit signals are accepted.

All the usual waveform and vector displays are provided for -444 users plus additional gamut error flagging modes. Gamut errors in R, G or B can be shown collectively or individually with fixed or variable gamut % limits set.

VidScope-HD444 also allows and accepts all other video and audio formats of the other VidScope versions including component formats in SD and HD as well as HDV and DV.

### Features and Functions

- Supplied on a 4GB USB data stick.
- Multi-window Split tile display
- Real-time waveform, vectorscope, all modes
- Line select, line, field, frame, progressive.
- Gamut, RGB, YPrPb, Histogram.
- Field frame and format selection as well as variable intensity.
- Persistence and graticule brightness.
- Video preview monitor, safe areas, monitor R, G, B, Pr, Pb Mono or Chroma only
- Accurate gamut checking ensures that the source is broadcast legal.
- Select a specific area for investigation and see related traces specified.
- Standard and custom safe-area are provided with overlay capabilities.
- Diagnostic monitor, RGB, component displays.
- Sources can be video or file based.
- Accepts SDI, HDV, DV, HDMI and analogue sources depending on capture card installed and Off-line operation with AV files.
- File and machine transport controls.
- Audio monitoring including surround sound and bar-graphs with all standard broadcast scales with stereo or multi-channel de-embedding.
- Captures too many different file formats as well as uncompressed.
- Audio levels, phase, waveform.
- GMO surround sound monitor, a new intuitive surround sound 3D polar display of amplitude, phase and frequency
- Select the audio graticules and de-emphasis of your choice
- VTR control, time code, capture
- Time code logging of errors
- SnapShot™ modes enabling comparison of traces or picture content
- 10 User set layouts
- Displayed on your PC screen, or transmit or email to any location via IP

See our website for applications

[www.hamlet.co.uk](http://www.hamlet.co.uk)

## TECHNICAL SPECIFICATION

The performance of software is directly related to the PC, CPU, GPU memory and inputs and outputs used. VidScope is no different. Depending on the signal types you wish to investigate and the displays selected, the higher the processing and the better the graphics card will result in the very best performance with the highest signal standards.

Windows XP, Vista or 7

Intel or AMD Processor 4 cores or more needed for realtime 444, 3G and HD operation

Graphics Card: graphics cards that may be used from the NVidia range include.. GTX260, GTX275, GTX470, GTX480, GTX560, GTX570, GTX580. ATI cards do not support for all product functions.

System memory 2 to 3Gb

Live Capture device(s) must have DirectShow drivers such as Black Magic, AJA, Bluefish, Imprex, Black Magic, even composite or component to USB video grabbers work like Black Magic's Video Recorder.

Laptop operation is possible subject to the above and can use of a suitable input device, firewire and USB inputs.

File types supported are subject to Codecs on the PC

**WARRANTY:** - 1 Year.

Extendable free on registration:- To 2 Years

By using the service area of our web site

<http://www.hamlet.co.uk/support/warranty/>

### **ORDERING INFORMATION**

#### **VidScope-HD444**

Software based waveform monitor and vectorscope tailored to work with any suitable video card or similar device on a Windows PC.

**Supplied boxed, on a 4GB USB data stick and manual**

**Trial of software available to download from the Hamlet web site**

<http://www.hamlet.co.uk/products/software/vidscope-hd444/>



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**Hamlet products are Manufactured to ISO9001.2000 and ISO14001 specification.**

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**Hamlet Video International Ltd**, Maple House, 11 Corinium Business Centre, Raans Road, Amersham, Bucks, HP6 6FB, England. Tel: - +44 (0) 1494 729 728 Fax: - +44 (0) 1494 723 237  
Freephone (UK): - 0500 625525 E-mail: [sales@hamlet.co.uk](mailto:sales@hamlet.co.uk) Website: [www.hamlet.co.uk](http://www.hamlet.co.uk)

**USA Master Distribution, Omnivue** New York, NY 10016 USA  
Tel: - +866-4-HAMLET or 001 212 779 2580 Website: [www.hamlet.com](http://www.hamlet.com)