

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



A suite of Windows programs that run on a standard PC without special hardware.

VidScope-Plus available only on a USB data stick, is intended for individual desktop use. It allows for monitoring and quality control tests on any audio/video media content. VidScope-Plus can work with all professional video formats including uncompressed component types, all standard and high definition dimensions. Subject to a suitable Codec being available any files type can also be handled... including sub-broadcast (small) formats and 2K. Embedded audio, stereo or multi-channel surround-sound can be extracted and checked alongside the video for audible or visual impairments on a frame by frame basis. Plus Vidscope waveform and vectorscope software monitoring software is included. Each test can be enabled or disabled by the user from a simple menu. The test parameter 'sets' can be saved or recalled from profiles. Thus a specific profile can be standardised or passed from manager to operator etc. With media-files, the test operation can either be run at normal play-speed or faster than real-time. For live sources, Plus will work with most PC compatible capture cards or devices as well as DV or HDV over firewire. QC of taped media can be tested in this configuration. For each test parameter, an alarm or software GPI can be set-up. If those set events are detected, an on-screen message alerts the operator or some external process or operation can be triggered.

As well as displaying any combination of Video and waveforms of the operator's PC monitor or dual monitors, the software can be configured to playout Video to a SDI, HD-SDI or HDMI interface card for connection to TV monitor or other equipment.

Features and Functions

- Single user manually operated QC.
- SD & HD media files in most formats & TV standards
- Log reports with timecode and thumbnails
- Video, audio, surround sound parameters
- Monitors pictures, waveform and data
- Metadata decoding & logging
- Full results
- Checks for broadcast illegal gamut
- Checks for letterbox, pillar-box
- 22+ different video checks performed simultaneously
- Can accept live source & IP feeds

Typical Applications

- Quality Control
- Broadcasters' compliance and standards
- Ingest facilities
- Rushes evaluation
- Post Production
- Archive management
- DVD creation, manufacturing and distribution
- Pre/post colour correction
- Live feed/broadcast monitoring

See our website for applications

www.hamlet.co.uk

TECHNICAL SPECIFICATION

VIDEO CHECKS

Gamut checks
Black frames
Blank frames
Blank frames
Field Dominance
Field Reversal
Interlace Present
Blocking artifacts
Letter Box detection
Pillar Box detection
Quantisation
Stuck frames
Odd Frames
TC discontinuities
Noise
Focus
Cuts detection
White Balance shifts
Colour Bars
Monochrome
APL
H Blanking
Half Lines

PSE Flashing
Luma Flashes
Red Flashes
Spatial Patterns

AUDIO CHECKS

Over Loud
Silences
Out of Phase channels
Stereo balance
Audio format
Tone detection
Hum Detection
Click detection

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-Plus

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

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

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