



# DrasticScope

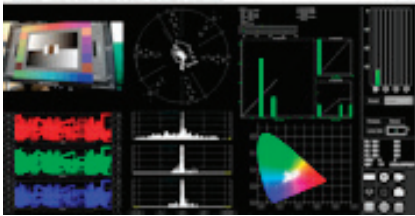
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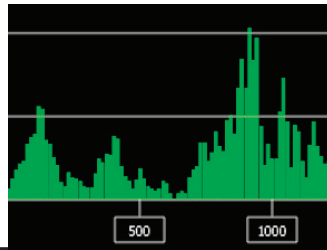


## Waveform/Vectorscope Software

The DrasticScope suite of waveform/vectorscope tools provides 4 levels of capability, as well as a free version for basic setup and training. From a 4up/2 audio channel to a full featured Network capable version, DrasticScope can help you maintain quality to satisfy your delivery requirements. Available features include A/V Sync, HDR Analysis, ANC/CC display, HTTP/Web Server, IP Timing, and more.



### Up to 6 Scopes



### Multichannel Audio



Blackmagicdesign



### Hardware Support

Customizable layouts feature 1, 2, 4, or 6 audio, video, or data scopes displayed at a time. Layouts can be saved and recalled to quickly enable commonly used setups.

Surround Sound, Loudness, full meters, and Audio Spectrum for up to 16 channels of audio, as well as Histogram, Phase, Metres, and Vectorscope for a selected audio pair.

Signal analysis for AJA, Blackmagic, Bluefish444, or DekTec hardware devices in the system. A wide range of USB devices are also supported for economical workflows.

	Name	DID/SDID
1	EIA-708 Caption	61/1
2	Tally Control	51/52
3	S2016-3 AFD	41/5
<pre> 0x03FF 0x0200 0x0241 0x0200 0x0205 0x0200 0x0108 0x0040 0x0200 0x0040 0x0200 0x0040 0x0200 0x0040 0x003D 0x0200 0x003D 0x0200 0x003D 0x0200 0x003D 0x003E 0x0200 0x003E 0x0200 0x003E 0x0200 0x003E 0x003F 0x0200 0x003F 0x0200 0x003F 0x0200 0x003F </pre>		

### Ancillary Data

DrasticScope					
<input checked="" type="checkbox"/> Show info events <input checked="" type="checkbox"/> Auto scroll <input type="checkbox"/> Auto load <span>event</span>					
	Date-Time	Timecode	Event	Code	SubCode
1	2026_1_20-10_28_47	n/a	Hardware	0x00000002	0x0000000A
2	2026_1_20-10_28_48	n/a	Hardware	0x00000002	0x0000000A
3	2026_1_20-10_29_02	n/a	Hardware	0x00000002	0x0000000B
4	2026_1_20-10_29_02	n/a	Hardware	0x00000002	0x0000000A
5	2026_1_20-10_29_07	n/a	Hardware	0x00000002	0x0000000B
6	2026_1_20-10_29_07	n/a	Hardware	0x00000002	0x0000000B
7	2026_1_20-10_29_07	n/a	Hardware	0x00000002	0x0000000A

### Error Log



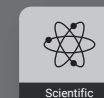
### Editor Plugins

Time code streams, closed caption, and other ancillary data associated with the signal are displayed in the Data View. Over 120 industry standard metadata types supported.

An error log is maintained, so events and errors are noted for user attention. Adjustable sensitivity lets you set conditions to monitor specific important parameters for errors.

Direct plugins for Adobe, Avid, UnReal Engine, and Resolve. Analyze the output of your timeline to confirm you are working with valid, legal, and most of all, consistent levels.

Available for Windows, macOS, Linux, VM, and Cloud





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## Signal Analysis for Editors

### ScopeDirect Plugin for Avid, Adobe, Resolve and more

The ScopeDirect plugin lets you view the output of your Avid, Adobe, or Resolve timeline through Drastic's scope tools. Supports closed caption and ancillary data display, full frame video with audio, and frame accurate time code..

### H/S Scope for Camera and Lighting Calibration

The H/S Scope analyzes your camera's response to a standard lighting chart, and generates a curve, which can be saved and used to calibrate other camera and lighting setups, and help you maintain consistent color response throughout the signal chain.

### A/V Sync with Test Pattern Generator

The A/V Sync scope can use the A/V Sync pattern in Test Pattern Generator to analyze your signal at various points in its path, to determine whether the audio and video have drifted or been delayed. Also supports A/V Sync patterns like Sarnoff, Tektronix, Hitomi etc.

### RTP, UDP, SRT, RIST, NDI, CDI, OMT, MXL, ST-2110 Analysis

With productions taking advantage of hybrid workflows, it becomes increasingly important signal levels are maintained at optimal levels from source to delivery. Keep an eye on metadata, view chroma/luma details, monitor multichannel audio levels.

### Web GUI for Remote Setup and Monitoring

The web GUI provides monitoring and analysis via a web browser. Check out current levels, and change the number of scopes and their settings. Quickly check out if the signal levels have changed since the last setup, from any workstation.

### Wide Hardware Support for SDI/HDMI/UCV Workflows

We support AJA, Bluefish444, and Blackmagic hardware video boards for high quality signal capture, and Rivermax/AJA for 2110 throughput. For low budget workflows, we also support various USB/UCV cards including Magewell, DekTec, Digitnow, Elgato and more.



Broadcast



Production



OEM



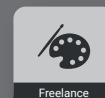
Government



Worship



Scientific



Freelance



Medical

## The DrasticScope Suite

### Professional Tools for Compliance and Delivery

**DrasticScope** is the free version with 2 scopes, for basic setups and training.

**sdiScope** is our entry level paid version, with a limited set of scopes and histograms, status and data views, some display modes. Supports SD/HD formats.

**4KScope** adds most of the pro instruments and features, including ScopeDirect plugins, the H/S Scope for lighting and camera calibration, multichannel audio scopes, 4K video.

**HDRScope** includes tools for HDR and WCG workflows, and adds the A/V Sync scope for audio video synchronization, supports up to 8K video.

**NetXScope** adds support for SRT, UDP, RTP, RIST, and ST-2110 signals analysis.

## The Most Complete Signal Analysis Toolset Available

Picture

YCbCr Vector

Audio Vector

Loudness Meters

Vector

Channel Plot

Audio Phase

Surround Sound

Waveform

Y/C Peak

Audio Histogram

A/V Sync

Waveform RGB

Luma Peak

Audio Wave

Status

Histogram

6 Bar Gamut

Audio Spectrum

ANC Monitor

Chromaticity

Stream Info

Audio Meters

IP Timing



## Test Pattern Generator Add On

**Test Pattern Generator** provides a suite of test patterns, and represents an attractive add on to the DrasticScope Suite, for setup and testing. It provides hundreds of patterns for signal and display setup, motion patterns, overlays, audio tones, and more. Output via hardware, Unreal Engine, SRT, UDP, RTP, RIST, NDI, ST-2110, and Desktop. tvOS and iOS apps coming soon.

