



DrasticScope

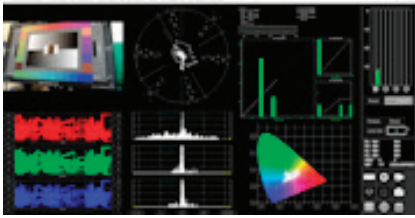
drastic.tv

Drastic Technologies Ltd.



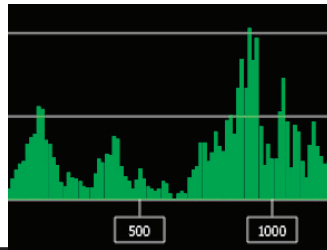
Waveform/Vectorscope Software

The DrasticScope suite of waveform/vectorscope tools provides 4 levels of capability, as well as a free version for simple setups and training. From a basic waveform 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

Customizable layouts feature one, two, four, or six audio, video, or data scopes displayed at a time. Layouts can be saved and recalled to quickly enable commonly used setups.



Multichannel Audio

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



Hardware Support

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

Ancillary Data

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.

Date-Time	Timecode	Event	Code	SubCode
2026_1_20-10_28_47	n/a	Hardware	0x00000002	0x0000000A
2026_1_20-10_28_48	n/a	Hardware	0x00000002	0x0000000A
2026_1_20-10_29_02	n/a	Hardware	0x00000002	0x0000000B
2026_1_20-10_29_02	n/a	Hardware	0x00000002	0x0000000A
2026_1_20-10_29_07	n/a	Hardware	0x00000002	0x0000000B
2026_1_20-10_29_07	n/a	Hardware	0x00000002	0x0000000B
2026_1_20-10_29_07	n/a	Hardware	0x00000002	0x0000000A

Error Log

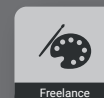
An error log is maintained, so events and errors are noted for user attention. Adjustable sensitivity lets you set conditions to monitor specific important parameters for errors.



Editor Plugins

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





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

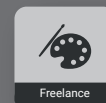
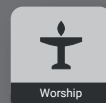
With productions taking advantage of hybrid workflows, it becomes increasingly important signal levels are maintained at optimal levels from source to delivery. Keep an eye on metadata, view chroma/luma details, monitor multichannel audio levels.

Web GUI for Remote Setup and Monitoring

The web GUI provides monitoring and analysis via a web browser. You can view the current video and audio levels and adjust the number of scopes and their settings. Quickly check signal level changes from any networked 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.





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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.

2110Scope 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.



Broadcast



Production



OEM



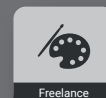
Government



Worship



Scientific



Freelance



Medical