Filmworkz®
Create Incredible

DVO APERTURE USER GUIDE

WHAT DOES IT DO?

DVO Aperture serves as a frame-based spatial filter that enhances the perceived sharpness of images. When working with film scans, there's a potential loss of high-frequency information during the scanning process. This loss can occur because of the characteristics of the film scanner, where the frequency response diminishes as the wavelength of the detail being captured approaches the dimensions of the scanning aperture. In such cases, issues requiring aperture correction arise.

The aperture processor within the **DVO Aperture** tool addresses this problem by boosting the response to high-frequency content in the image signal. By doing so, it adds a subjective sense of sharpness to the picture, compensating for the loss of detail caused by the scanning aperture's limitations.

The overall goal of **DVO Aperture** is to improve the visual quality of film scans by enhancing the sharpness of the images. It does this by selectively amplifying high-frequency details, thereby making the pictures appear crisper and more defined. This tool is commonly employed in the post-production workflow to refine the quality of scanned film footage and ensure optimal visual results. It should be used as the last effect in the chain.

HOW DO YOU USE IT?

DVO Aperture works on the following platforms:

PHOENIX NUCODA

It's also coming soon to:

LOKI

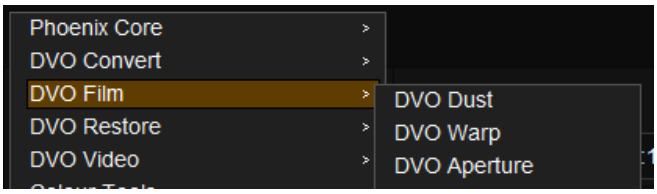
If you're already a Filmworkz veteran, you can jump right in and use **DVO Aperture,** however if you need a hand getting going, check out these QuickStart Guides:

PHOENIX QUICKSTART GUIDE

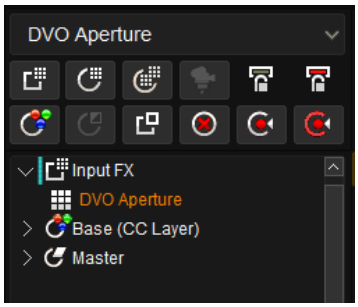
NUCODA QUICKSTART GUIDE

GETTING STARTED

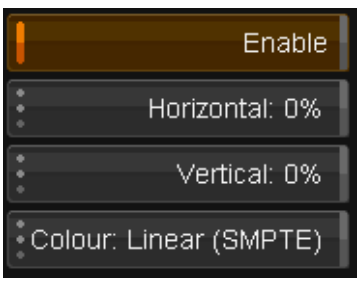
1. Launch your platform on your workstation.
2. Locate the toolbar, (positioned on the left-hand side of the interface)



3. Scan the toolbar options until you find the **DVO Aperture** tool.



4. Click on it and the control panel under appears:



CONTROL PANEL EXPLAINED

PARAMETERS

HORIZONTAL / VERTICAL

We have separate controls for horizontal and vertical aperture correction. Values go from 0 to 100% in increments of 10%.

Values: 0% – 100%

Default: 0%

COLOR

Select the data format of the image; video cameras typically use a Linear data format.

If the Data setting is incorrect, the result can be affected.

Values: Linear, Log (default follows the project setting)

WANNA KNOW MORE?

FORUM

WEBSITE

SALES