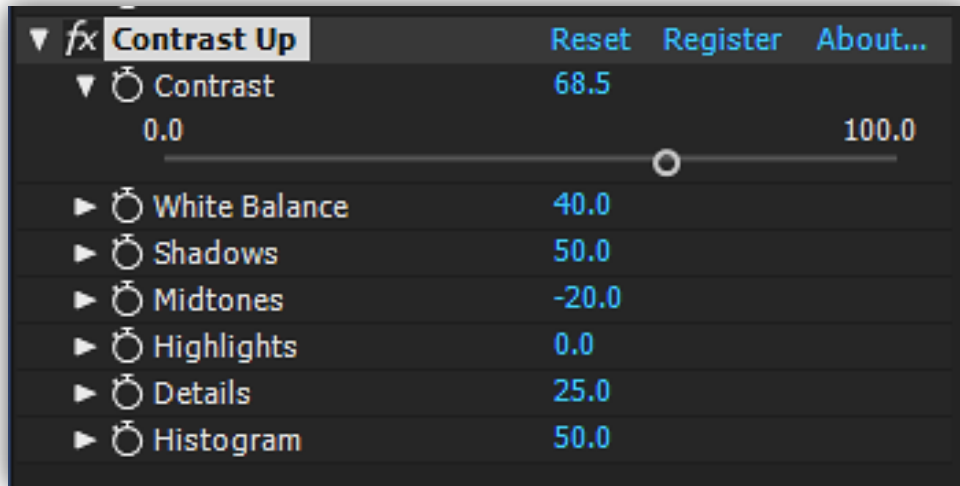# CONTRAST UP

**ContrastUp** plugin provides the sophisticated algorithms to enhance contrast and improve image quality for video frames and images. With it, the users can adjust the local and global contrast enchancement with the easy and flexible way.

And Shadows/MidTones/highlights allows the users to adjust the different parts (darkest, midtone and brightest) of the image while preserving a natural look, and without flicking artifacts.

Moreover, ContrastUp plugin is GPU accelerated for Adobe After Effects, Adobe Premiere Pro and OFX Hosts ( such as Nuke, Sony Vegas Pro, DaVinci Resolve, Fusion, Natron and more), with real time performance.

# Panel & Controls (AE)

| ▼ fx Contrast Up | Reset Register About... |
|---|---|
| ▼ ⏱ Contrast | 68.5 |
| 0.0 | 100.0 |
| ► ⏱ White Balance | 40.0 |
| ► ⏱ Shadows | 50.0 |
| ► ⏱ Midtones | -20.0 |
| ► ⏱ Highlights | 0.0 |
| ► ⏱ Details | 25.0 |
| ► ⏱ Histogram | 50.0 |

❖**Contrast**

Adjust contrast adaptively according to image black and white levels.

❖**Color Balance**

Smooth change from current looking to white balanced image.

❖**Shadows**

Adjust the intensity on the darkest parts of the image, it can brighten the dark area or darken it to increase contrast.

❖**MidTones**

Adjust the intensity on the midtone parts of the image.

❖**Highlights**

Adjust the intensity on the bright parts of the image.

❖**Details**

Increase the perception of image sharpness, it also provides the ability to soften the image.

❖**Histogram**

Further boost image contrast while preserving the naturalness using advanced histogram equalization algorithm.

# Installation

**After Effects & Premiere Pro:**

**For Windows**,

Copy the unzipped file '**ContrastUp.aex**' to the folder:

*C:\Program Files\Adobe\Common\Plug-ins\7.0\MediaCore\* for CC, CC 2014, CC 2015, CC 2017, CC 2018, CC 2019.

*C:\Program Files\Adobe\Common\Plug-ins\CS6\MediaCore\* for CS6.

**For Mac OS**,

Copy the unzipped file '**ContrastUp.plugin**' to the folder:

*/Library/Application Support/Adobe/Common/Plug-ins/7.0/MediaCore/*

**OFX Hosts:**

Copy the unzipped folder '**ContrastUp.ofx.bundle**' to the folder:

*C:\Program Files\Common Files\OFX\Plugins\* for Windows, and */Library/OFX/Plugins/* for Mac OS.