



# De.Haze plug-in for Adobe® Photoshop®

## Manual

Version: 1.0.8

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De.Haze plug-in for Adobe® Photoshop® - Enhance hazy images.

Remove haze and fog from your images. Turns hazy horizons into colored skies.

Key features:

- Calculates depth information for every pixel and creates depth map for entire image.
- Creates the dehazed image on the current or on a new layer.
- Embed it into action sets to automate dehazing.
- Supported Modes: RGB with 8/16/32 bit/Channel

**Questions? Contact our customer support:**  
[support@EVENX.com](mailto:support@EVENX.com) or visit <http://www.evenx.com>

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## I. Overview

### **System requirements**

- Platform: **Windows® PC** ( *Windows Vista® x86/x64, Windows 7® x86/x64, Windows 8® x86/x64*)  
and  
Adobe® Photoshop® CS/CS2/CS3/CS4/CS5/CS6/CC/CC2014/CC2015(32/64-bit)  
or Adobe® Photoshop® Elements 4/5/6/7/8/9/10/11/12/13 (32/64-bit)

**NOTE:** Mac-support on our plug-ins is put on hold due to massive changes in the plug-in GUI SDK.

### **Supported modes**

- Color modes: 8/16/32 bit/Channel RGB

### **Installation and uninstall**

#### **Installation:**

**IMPORTANT NOTE:** The installer mechanism has been changed. Please uninstall any former versions as described in section „Uninstall information“.

To install the plug-in click on the delivered file and follow the instructions. Please restart Adobe Photoshop afterwards.

If the plug-in has been downloaded from Adobe Exchange, follow the instructions to install the plug-in.

You can access the plugin via Adobe Photoshop's filter menu (**Filters->EVENX.com->DeHaze**).

#### **Uninstall information:**

- **for Windows:**  
Go to in the list of installed programs, select „De.Haze Plugin for Adobe Photoshop“ and click on uninstall. (List is available in "Control Panel --> Programs and Features".)

If the plug-in has been downloaded from Adobe Exchange, open Adobe Extension Manager or Creative Cloud Desktop App(for Adobe Photoshop CC2015), select plug-in and choose „remove“.

### **Upgrade policy**

Our policy is to let our customers participate in our innovations.

**Purchasing a product includes a 1-Year-Upgrade-Support.**

Every update will be automatically delivered to our customer base.

We will send you an upgrade link to the eMail address you've provided with your order.

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### ***Trial version restrictions***

There are no time limits while using the Trial version of this plugin. But within this version a watermark is added to the dehazed image.

### ***Trademarks***

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## II. GUI Description

### 2.1 Main Dialog

The screenshot shows the De.Haze Filter dialog box with the following callout boxes:

- Interaction mode**: zooming panning (points to the zoom and pan icons on the left).
- New layer**: Create result on separate layer (points to the 'create new layer' checkbox).
- Settings for** (see description 2.2): Haze Map Sky Color (points to the 'Haze Map' and 'Sky Color' tabs).
- Help**: Select „Get Help“ to view manual (points to the help icon in the top left).
- Preview zoom controls**: (points to the zoom controls at the bottom left).
- Preview**: Switch between dehazed and original image (points to the 'preview' checkbox).
- Depth map**: View generated depth map. (points to the 'show depth map' checkbox).

The dialog box itself contains the following elements:

- Window title: EVEnX.com De.Haze Filter v1.0.0
- Header: De.Haze enhance hazy images
- Image preview: A hazy cityscape with the CN Tower.
- Buttons: OK, Cancel
- Checkbox:  create new layer
- Tabs: Haze Map, Sky Color
- Atmospheric De.Haze: slider set to 89
- Foreground De.Haze: slider set to 0
- Clipping controls:
 

Foreground Clipping	Balance	Background Clipping
3	55	100
- FG and BG labels at the bottom of the clipping slider.
- Checkbox:  preview
- Checkbox:  show depth map
- Zoom controls: +, -, 12%, and a slider.

## 2.2 Dialog Tab „Settings“

In this control you can change the properties of haze correction.

The screenshot shows the 'Settings' tab of the De.Haze plugin dialog. It is divided into two main sections: 'Atmospheric De.Haze' and 'Foreground De.Haze' at the top, and 'Sky Color' at the bottom. The 'Atmospheric De.Haze' section includes a slider for intensity (set to 89) and a 'Balance' slider (set to 55) between 'Foreground Clipping' (3) and 'Background Clipping' (100). The 'Foreground De.Haze' section has a slider for intensity (set to 0). The 'Sky Color' section includes a 'Preset' dropdown (set to 'Custom'), sliders for 'Intensity' (89), 'Lightness' (61), and 'Hue' (-166), a 'Gamma correction' slider (1.29), and a 'Threshold' slider (59). Lines connect these controls to descriptive text boxes on the right.

**Atmospheric De.Haze**  
intensity of background correction

**Foreground De.Haze**  
intensity of foreground correction

**Foreground and Background clipping**  
adjust foreground and background clipping correction

**Balance**  
adjust balance of foreground and background correction

**Presets**  
- choose color presets to color the detected sky

**Intensity**  
- color correction intensity

**Lightness**  
- color correction lightness

**Hue [-180;180]**  
- color correction hue

**Gamma Correction [0;3]**  
- color values are gamma corrected

**Threshold [0;255]**  
- color values below are not corrected