

MICROSCOPY O METROLOGY SERVICES

Sµisse made.

RYF AG Showroom Bettlachstrasse 2 CH-2540 Grenchen Tel +41 32 654 21 00

ryfag@ryfag.ch

RYF SA Showroom, Sales Office Route de Genève 9c 1291 Commugny Tél +41 22 776 82 28 Fax +41 22 776 82 29 RYF AG (Zürich) Sales Office Bahnhofstrasse 17 8400 Winterthur Tel+41 52 560 22 25 Fax+41 52 560 21 0



Stability – giving you a reliable research tool you can count on.



User Guide for MonoChrome mode of PROGRES GRYPHAX[®] software

The "MonoChrome mode" of PROGRES GRYPHAX® software enables user to converts a color image preview to a grayscale or monochrome (black & white) image.

General description:

The "MonoChrome mode" is part of the GRYPHAX software. It is available for all color cameras to become details more visible. This mode provides manipulation to converts a color image to a grayscale or *monochrome* (black & white) image. It is applied for live preview from camera and to recorded images.



MonoChrome mode applied at live preview from NAOS color camera:

RYF AG Showroom Bettlachstrasse 2 CH-2540 Grenchen Tel +41 32 654 21 00 Fax +41 32 654 21 09 RYF SA Showroom, Sales Office Route de Genève 9c 1291 Commugny Tél +41 22 776 82 28 Fax +41 22 776 82 29 RYF AG (Zürich) Sales Office Bahnhofstrasse 17 8400 Winterthur Tel +41 52 560 22 25 Fax +41 52 560 21 0

ryfag@ryfag.ch

MICROSCOPY O METROLOGY SERVICES

Suisse made.

Bettlachstrasse 2

rvfag@rvfag.ch

Showroom, Sales Office Route de Genève 9c 1291 Commugny Tél +41 22 776 82 28 Fax +41 22 776 82 29

RYEAG (Zürich) Bahnhofstrasse 17 8400 Winterthur Tel +41 52 560 22 25 Fax +41 52 560 21 0

Start MonoChrome mode:

To activate the *MonoChrome mode* open the GRYPHAX tool bar by pressing the arrow down in the pressing the arrow down in the software site or use keyboard short cut (ctrl / cmd + T)

Click to the *MonoChrome* mode icon **W** at the tool bar, the color image preview will be converted into grayscale or monochrome (black & white) image.

Additionally, the Histogram change to grayscale mode and display image information as monochrome image.

<u>Note:</u> *MonoChrome* mode is enabled only if any record mode like "Single shot" is selected and live image is activated before. It cannot applied to already recorded images from Gallery afterwards.

Start & save converted images:

To start - select record mode e.g. "Single shot" and start live by pressing the "Live"-button

Press *MonoChrome* mode icon at the tool bar to activate image converting.

By pressing "Rec" Rec button concerted color to greyscale image will be saved to pre-selected destination folder and will be visible at software Gallery. Recorded converted images cannot be modified back to color images afterwards.

Note: By using *MonoChrome* mode the images will be saved as single channel greyscale images. The file size is **reduced threefold** depending to selected file format.

Deactivate MonoChrome mode:

To deactivate *MonoChrome* mode by pressing "*MonoChrome*" button water again, colored image preview will be displayed again. Histogram change back to RGB mode to display each color channel separately.

Limitations:

- a) *MonoChrome* mode is available for color cameras only.
- b) *MonoChrome* mode is not available during Fluorescence mode session
- c) MonoChrome mode can be enabled only if record mode "Single shot", "Time-lapse" or "Video" is selected and live image preview is activated before.

RYF AG Showroom Bettlachstrasse 2 CH-2540 Grenchen Tel +41 32 654 21 00 Fax +41 32 654 21 09

ryfag@ryfag.ch

RYE SA Showroom, Sales Office Route de Genève 9c 1291 Commugny Tél +41 22 776 82 28 Fax +41 22 776 82 29

RYF AG (Zürich) Sales Office Bahnhofstrasse 17 8400 Winterthur Tel +41 52 560 22 25 Fax +41 52 560 21 0

ł











MICROSCOPY O METROLOGY SERVICES

Suisse made.

RYF SA Showroom, Sales Office Route de Genève 9c 1291 Commugny Tél +41 22 776 82 28 Fax +41 22 776 82 29

RYF AG (Zürich) Sales Office Bahnhofstrasse 17 8400 Winterthur Tel +41 52 560 22 25 Fax +41 52 560 21 0

ryfag@ryfag.ch

Showroom Bettlachstrasse 2

CH-2540 Grenchen Tel +41 32 654 21 00

Fax +41 32 654 21 09

Learn more about PROGRES GRYPHAX® software and the easy workflows and tools.

Watch our video tutorials.

HELPFUL? We appreciate your feedback.

VIDEO TUTORIALS

FEEDBACK

We looking forward to hearing from you and remain sincerely,

Your PROGRES GRYPHAX® Team

RYF AG Showroom Bettlachstrasse 2 CH-2540 Grenchen Tel +41 32 654 21 00 Fax +41 32 654 21 09

RYF SA KYF AG (Zúr Showroom, Sales Office Sales Office Route de Genève 9c Bahnhofstra 1291 Computany 1291 Commugny Tél +41 22 776 82 28 Fax +41 22 776 82 29

RYF AG (Zürich) Bahnhofstrasse 17 8400 Winterthur Tel +41 52 560 22 25 Fax +41 52 560 21 0

ryfag@ryfag.ch

3/3