General controls

Open Cubes — Open a minicube in .h5 format

< > — Open previous/next file in the current directory

Save Image — Save the figure with all loaded images.

Active Hyp
● VNIR
○ SWIR

When both VNIR and SWIR are open, choose the one you want to be active for color image controls and metadata reading.

GT spectra controls

Save Spectra

CSV (*.csv)
TXT (*.txt) — Save GT spectra values

PNG (*.png)
JPG (*.jpg)
SVG (*.svg) — Save graphical image of GT spectra

✓ Std — Show/Hide standard deviation distribution

Hyperdoc App Window

Hyperdoc Data Explorer

01265 - Alamas_01

VNIR   Ground Truth

Average reflectance spectra of Ground Truth material

Reflectance

1.0
0.8
0.6
0.4
0.2
0.0

400   500   600   700   800   900   1000
Wavelength (nm)

Materials
— Metallo-gallate ink pure
— Cotton-linen

Red   610
Green 540
Blue 435

Active Hyp   Open Cubes
● VNIR   < >
○ SWIR   Save Image

Image Choice
○ RGB default
● RGB user
○ Grayscale

GT
Transparency = 0 %

Spectra values saved as : spec_01265.csv

HYPERDOC
by Color Imaging Lab UGR

Spectra Visualization
✓ Std   Save Spectra

Metadata Visualization
cubeinfo

Arabic "alama" manuscript concerning the ratification of a heirloom. Extract: Fragment of text and signature. Iron gall ink or Mixed ink: iron gall ink + (Carbon black ink or Sepia black ink). 2 different inks: the thick stroke (signature of the sultan) and thin stroke (text)
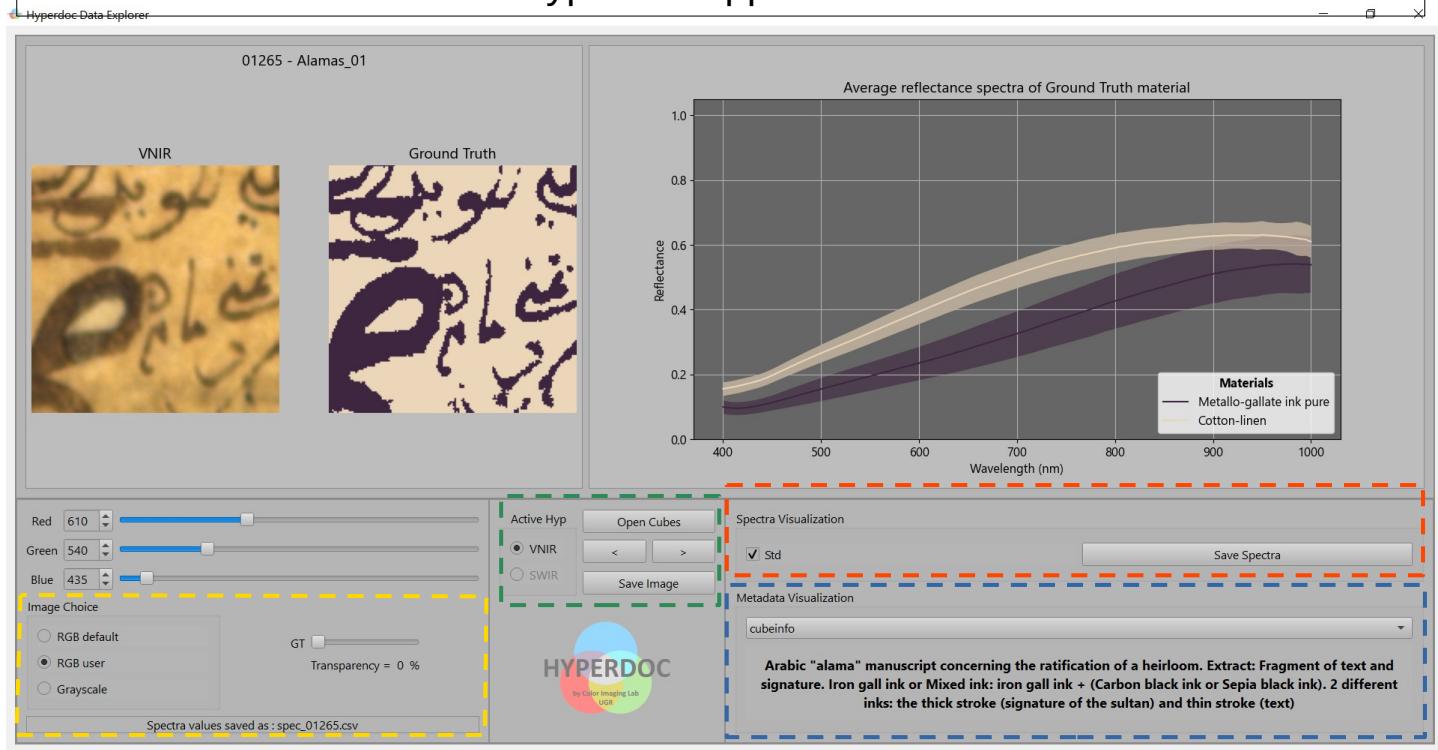
Image controls

RGB default : All sliders are disabled and fixed to the default wavelength.

RGB user : Use the three sliders to assign RGB channels to chosen wavelengths

Grayscale : Only one slider is enabled to choose the wavelength of the grayscale image.

Transparency control of GT image overlay

Image Choice
○ RGB default
● RGB user
○ Grayscale

GT
Transparency = 0 %

Metadata

Choose Metadata to display

cubeinfo

GTLabels
aged
bands
cubeinfo
date
device