

UBIRIS.v2 images:

Image Acquisition Framework and Set-Up

Camera = Canon EOS 5D

Color Representation = sRGB

Shutter Speed = 1/197 sec.

Lens Aperture = F/6.4 - F/7

Focal Length = 400 mm

F-Number = F/6.3 - F/7.1

Exposure Time = 1/200 sec.

ISO Speed = ISO-1600

Metering Mode = Pattern

Details of the Manually Cropped Resultant Images

Width = 800 pixels

Height = 600 pixels

Format = tiff

Horizontal Resolution = 72 dpi

Vertical Resolution = 72 dpi

Bit Depth = 24 bit

Volunteers

Totals = Subjects 261; Irises 522;

Images 11 102

Gender = Male: 54.4%; Female: 45.6%

Age = [0,20]: 6.6% [21,25]: 32.9% [26,30]: 23.8% [31,35]: 21.0% [36,99]: 15.7%

Iris Pigmentation = Light : 18.3% Medium : 42.6% Heavy : 39.1%

UBIRIS.v2 image name protocol:

"C"+ID\_EYE+"\_S"+ID\_SESSION+"\_I"+ID\_IMAGE+".tiff"

ID\_EYE: Identifier of the volunteer.

odd ID\_EYE: right eye.

even ID\_EYE: left eye.

ID\_EYE=2\*k and 2\*k+1 (k=1,...#SUBJECTS) are from the same subject.

ID\_SESSION: Imaging session (1 or 2)

ID\_IMAGE: Identifier of the image.

[1,3]: imaged from 8 meters.

[4,6]: imaged from 7 meters.

[7,9]: imaged from 6 meters.

[10,12]: imaged from 5 meters.

[13,15]: imaged from 4 meters.

{1,4,7,10,13}: frontal image.

{2,5,8,11,14}: off-angle (left).

{3,6,9,12,15}: off-angle (right).