B

B

Scene Frame

Extreme Eye Region

Eye Center & Feature Points

Camera Calibration

Coefficient

**No**

Initialize

Start

Set up ?

**Yes**

Eye Frame

End

Gaze Point

Gaze Estimation

A

A

Voluntary Blink

**No**

Blink Detection

**Yes**

Iris Color Histogram

Valid Model?

Iris Color Model Updating

Blink Signal by Intensity

Get Eye Center?

**No**

**Yes**

Eye Localization

Image

Pre-porcessing