

Acquisition d'images par caméras rapides sous Labview

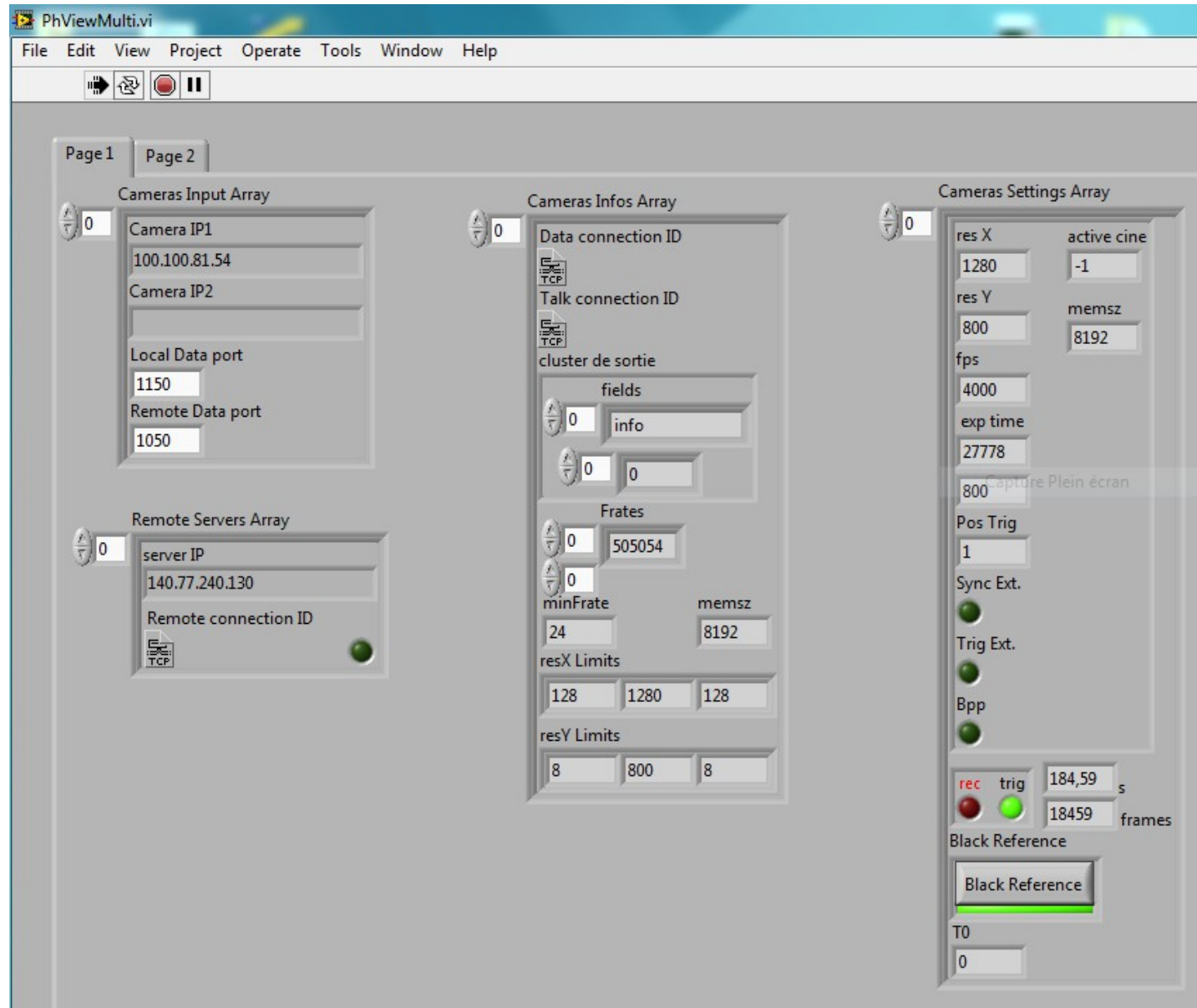
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Objectif : Prendre plusieurs images des bulles de savon pour mesurer leurs tailles.



Caméra : Phantom V12
Résolution : 1200x800
FPS : 6000 FPS

Choix des paramètres d'acquisition



paramètres d'acquisition validés

The screenshot displays the PhViewMulti.vi software interface. The main window shows a live video feed of a dark object on a noisy background, with a yellow crosshair centered on it. The interface includes a menu bar (File, Edit, View, Project, Operate, Tools, Window, Help) and a toolbar with icons for play, stop, and refresh. Below the menu bar, there are tabs for 'Page 1' and 'Page 2', and a '0' indicator. A 'Connect to remote servers' button and a 'To All' button are also present. The right side of the interface features a control panel with various sliders and buttons for acquisition parameters:

- res X: 1280 (range 128 to 1280)
- res Y: 800 (range 8 to 800)
- fps: 4000 (range 24 to 6399)
- exp time: 27778 (range 0 to 250000)
- Pos Trig: 1 (range -1 to 27778)
- Bpp: 8
- Sync Ext. and Trig USB. buttons
- rec (red) and trig (green) status indicators
- 2,086 s and 8343 frames
- 0 frame counter
- Navigation buttons: <<, ||, >>
- 1 frame counter (range 1 to 100)
- 1st frame: -100, # frames: 10
- File path: Macintosh HD:\Users\
- SAVE button

The bottom left corner shows an 'Amplitude' scale from -14 to -0 and a 'Cursors' table:

Cursors:	X	Y
Cursor 0	101	172

Other controls at the bottom include 'Subtract Ref?' (checked), 'Black Reference' (checked), and 'Auto Mode' (checked).

Exemple : Soustraction de deux images

