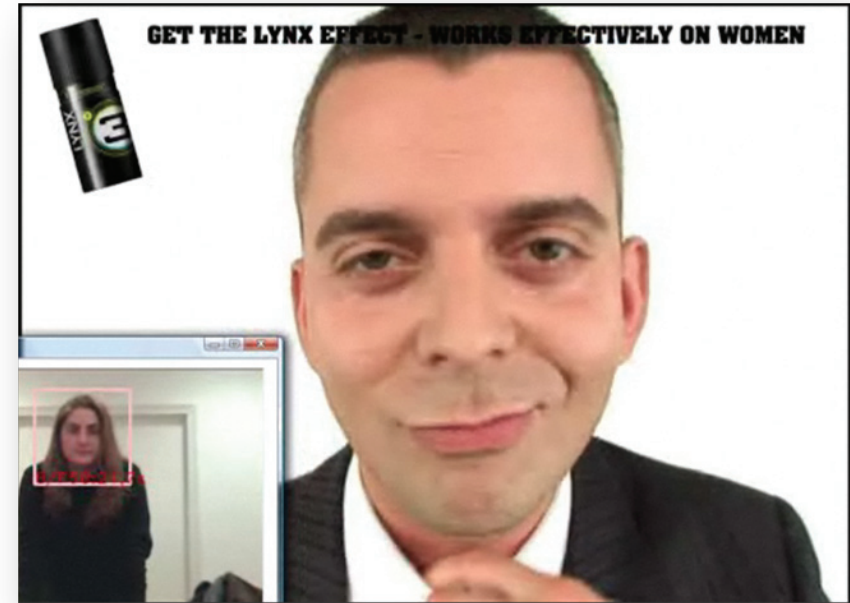
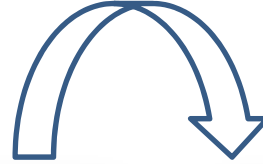


aiSense R2G Gender and Face Tracking

TECHNICAL DESCRIPTION

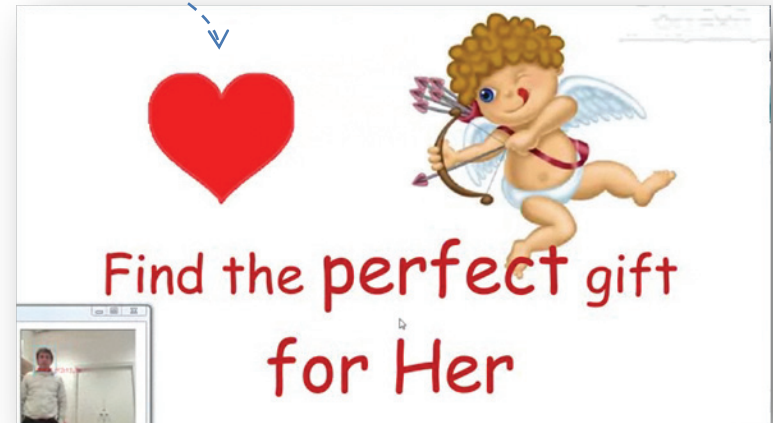


Conditional Contents based on Presence and Gender Detections



Face Tracking

Object changes position following the Face Detection Coordinates...



System Requirements



Hardware

PC

- Processor: 2.20 GHz or higher Intel Core2 Duo T7500 (FSB 800 MHz, 4 MB L2 cache), or equivalent
- RAM: 2 GB DDR2 (667 MHz) or more
- GPU: nVidia Quadro NVS 130M (128 MB Onboard DDR Video RAM or higher, 16x PCI Express) or equivalent
- 10 MB or more of available hard disk space

USB Webcam

Display: TFT, LED, Projector,...

Software

Operating System

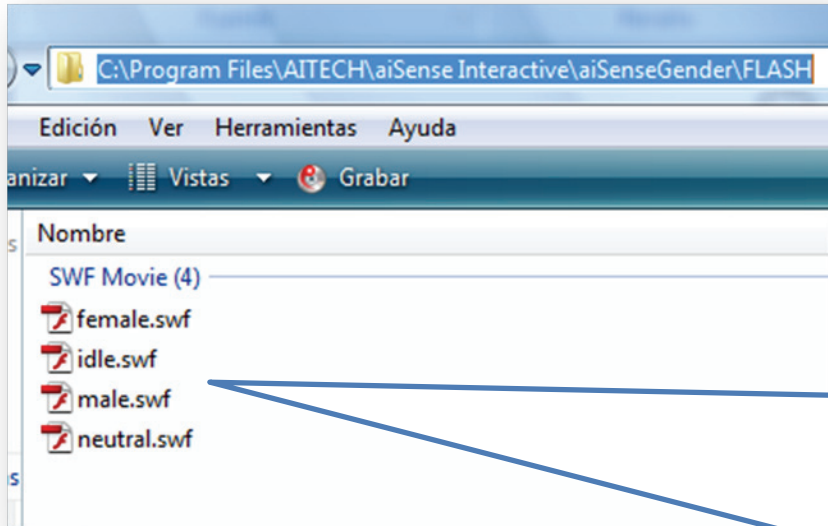
- 32-bits or 64-bits versions of Windows XP, Windows Vista and Windows 7
- Microsoft .NET Framework 3.5

aiSense R2G

Player (Options)

- **Flash** Player 10.0 or higher to run the multimedia content (SWF files)
- Microsoft **PowerPoint**

Preparing your Media Contents



Create separate Flash Files for the following situations:

- 1- Male Presence
- 2- Female Presence
- 3- Nobody (idle mode)
- 4- Neutral (Male and Female)

aiSense Gender will play them according to the presence and gender detected.



Open aiSense Interface



aiSense.exe

Click on “ai” icon located at the tray bar



aiSense

ai **AITECH**
artificial intelligence technologies

Settings

Max Min

CPU usage:

Reduced resolution


Priority: Normal

Reactivity settings...

Logging settings...

Camera settings...

Powered by AITECH



The screenshot displays the aiSense application window. On the left, the 'Settings' panel includes a 'CPU usage' slider with 'Max' and 'Min' labels, a checked 'Reduced resolution' option, and a 'Priority' dropdown set to 'Normal'. Below these are buttons for 'Reactivity settings...', 'Logging settings...', and 'Camera settings...'. The main area on the right shows a video feed of a man, with a red bounding box around his face and the text '1:1108:10,6s' overlaid. A white callout box with a blue border points to the CPU slider and contains the text 'Control of CPU'. The window title bar shows 'aiSense' and standard OS controls. The bottom of the screen shows the Windows taskbar with the time '14:02'.

Control of CPU

1:1108:10,6s



Unchecked: Analyze full frame size to get further distances on face detections.

Checked: Analyze half resolution (faster and less CPU usage)

The screenshot displays the 'aiSe' application interface. On the left, a 'Settings' panel is visible, featuring a 'CPU usage' slider with 'Max' and 'Min' labels, a checked 'Reduced resolution' checkbox, and a 'Priority' dropdown menu set to 'Normal'. Below these are three buttons: 'Reactivity settings...', 'Logging settings...', and 'Camera settings...'. The main area on the right shows a video feed of a man in a light-colored shirt. A blue bounding box is drawn around his face, with the red timestamp '1:11:08:10,6s' overlaid on the bottom right corner of the box. The interface is powered by AITECH, as indicated at the bottom left of the settings panel.



The screenshot shows the aiSense application window. The main interface includes the AITECH logo and a settings panel on the left. The settings panel has a 'CPU usage' slider set to 'Max', a checked 'Reduced resolution' option, and a 'Priority' dropdown menu set to 'Normal'. Below these are three buttons: 'Reactivity settings...', 'Logging settings...', and 'Camera settings...'. The 'Reactivity settings...' button is circled in red. A 'Settings' dialog box is open in the center, titled 'Flash presentations', with a text field 'Show presentation for at least' followed by a numeric input field containing '10' and the word 'seconds'. The dialog has 'OK' and 'Cancel' buttons. On the right side of the application, there is a video feed of a man. A blue bounding box is drawn around his face, and red text '1:M108:10,6s' is overlaid on the bottom right of the bounding box. The application title bar reads 'aiSense' and the system tray at the bottom shows the Windows logo, taskbar icons, and the time '14:02'.



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