

## Technical Requirements

1 projector: resolution 1024 x 768 to 1600 x 1200, luminosity 3200 lm,  
projection ratio: 1,37 ~ 1,80:1

1 computer: PC, Intel(R)Core(TM)2 Duo, 64 bits, 4,00 GB

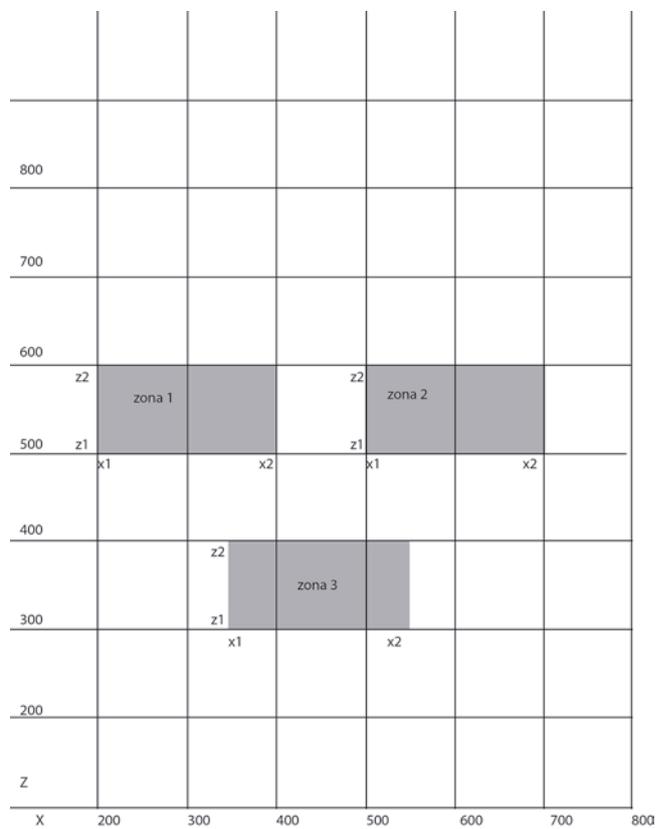
Operative System Windows 7, Windows 8

1 Kinect for Xbox

Internet connection

Continuous cableVGA 25 metros .

## Interaction zones



Kinect and PC

## Connecting Kinect

### I. OPENN INSTALLATION INSTRUCTIONS

Quick and automatic method (needs internet connection).

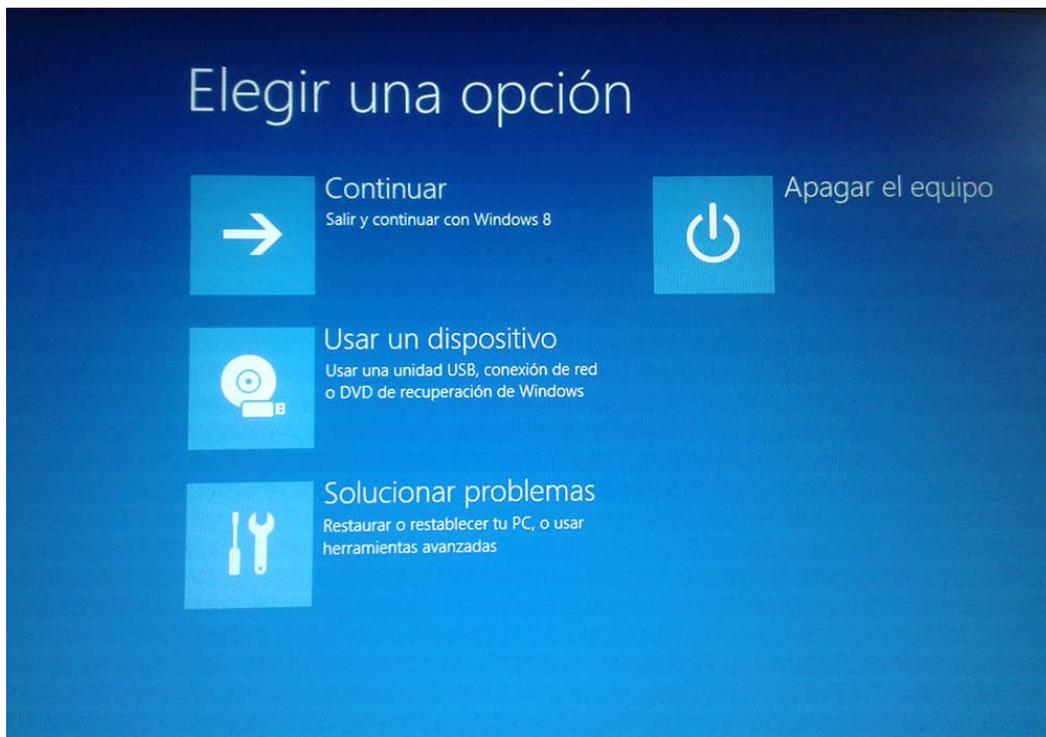
**1)** Completely remove any currently installed Kinect drivers (OpenNI, OpenKinect-libreenect, Code Laboratories CL-NUI)

**2)** Install drivers using the All-in-one OpenNI Kinect Auto Installer from the downloads page <http://www.brekel.com/kinect-3d-scanner/download/>

There use link **Brekel OpenNI Kinect Auto Installer – Developer Editionv1.5.4.0.exe**

If you have Windows it appears that Windows 8 does not play nicely with unverified drivers following the upgrade. So follow next steps:

- Uninstall openni, nite, and the kinect driver (only if you already had installed it)
- Windows key + R to open the run prompt
- Shutdown.exe /r /o /f /t 00
- Select troubleshoot
- Select advanced
- Select windows startup and then restart
- Snter the option for Disable Driver Signature
- Reinstall Openni, Nite, and the Kinect driver



## ← Opciones avanzadas



### Restaurar sistema

Usar un punto de restauración guardado en el equipo para restaurar Windows



### Símbolo del sistema

Usar el símbolo del sistema para solución de problemas avanzada



### Recuperación de imagen del sistema

Recuperar Windows con una imagen de sistema concreta



### Configuración de firmware UEFI

Cambiar la configuración del firmware UEFI de tu PC



### Reparación automática

Solucionar problemas que impiden que Windows se cargue



### Configuración de inicio

Cambiar el comportamiento de inicio de Windows

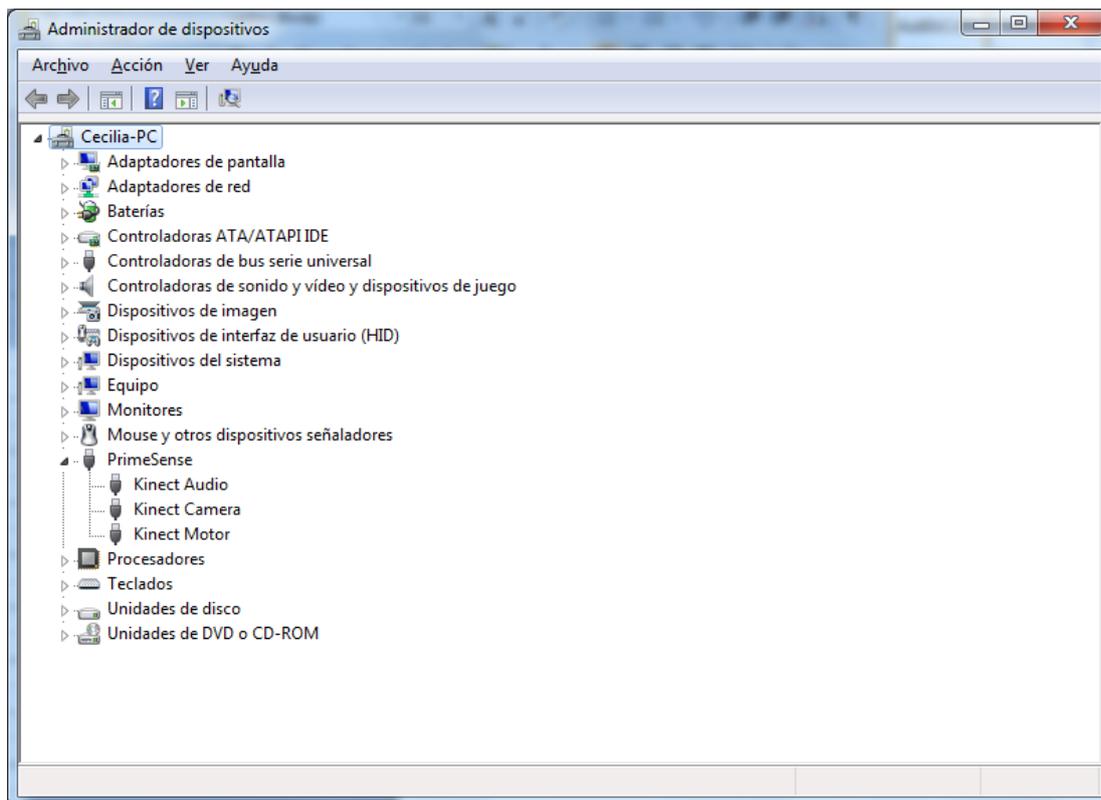
## ← Configuración de inicio

Reiniciar para cambiar opciones de Windows como:

- Habilitar el modo vídeo de baja resolución
- Habilitar el modo de depuración
- Habilitar el registro de arranque
- Habilitar el modo seguro
- Deshabilitar el uso obligatorio de controladores firmados
- Deshabilitar protección antimalware de inicio temprano
- Deshabilitar el reinicio automático en caso de error del sistema

3). Testing Kinect to work, plug it. In Control Panel /-device manager, there you will see Prime sense, the three options:

- Kinect Audio
- Kinect Camera
- Kinect Motor



## II. USING PANOPTICON PROJECT

Up to this point, we have only installed the OpenNI.

1) Install Flash Develop 4.5 <http://www.flashdevelop.org/>

Once this is installed will ask Adobe Flex SDK 4.6 if not then install it from here <http://www.adobe.com/devnet/flex/flex-sdk-download.html>

It is important to note where it is installed. If you automatically installed, the route can be seen in the Flash Develop menu **Tools/ Program Settings/AS3context**

Settings

Main

- FlashDevelop
- Plugins
  - AirProperties
  - AS2Context
  - AS3Context**
  - ASClassWizard
  - ASCompletion
  - BasicCompletion
  - BookmarkPanel
  - BridgeSettings
  - CodeAnalyzer
  - CodeFormatter
  - CodeRefactor
  - CssCompletion
  - DataEncoder
  - FileExplorer
  - FlashConnect
  - FlashDebugger
  - FlashLogViewer
  - FlashViewer
  - HaxeContext
  - LayoutManager
  - MacroManager

**AS3Context**  Disable [Help](#) Filter settings:

Adds an ActionScript 3 context for the ASCompletion engine.

**Common**

Check Syntax On Save	False
Enable Completion	True
Fix Package Automatically	True
Generate Imports	True
Lazy Classpath Exploration	False
List All Types In Completion	True
Play After Build	True
Show Qualified Types In Completion	True
User Classpath	

**Documentation**

Documentation Command Line	<a href="http://google.com/search?q=%22actionscript%203.0%22">http://google.com/search?q=%22actionscript 3.0%22</a>
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**Language**

AS3 Classpath	Library\AS3\intrinsic
AS3 File Types	<b>Matriz String[]</b>
Default Flash Version	10.1
Disable Flex Debugger Hosting	False
Disable Live Syntax Checking	False
Installed Flex SDKs	<b>Matriz InstalledSDK[]</b>
Verbose Flex Debugger Output	False

**AS3 Classpath**  
Path to AS3 language intrinsic classes.

Settings will take effect as soon as you edit them successfully but some may require a program restart. Close

Settings

Main

- FlashDevelop
- Plugins
  - AirProperties
  - AS2Context
  - AS3Context
  - ASClassWizard
  - ASCompletion
  - BasicCompletion
  - BookmarkPanel
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  - MacroManager

**AS3Context**  Disable [Help](#) Filter settings:

Adds an ActionScript 3 context for the ASCompletion engine.

Fix Package Automatically	True
Generate Imports	True
Lazy Classpath Exploration	False
List All Types In Completion	True
Play After Build	True
Show Qualified Types In Completion	True
User Classpath	

**Documentation**

Documentation Command Line	<a href="http://google.com/search?q=%22actionscript%203.0%22">http://google.com/search?q=%22actionscript 3.0%22</a>
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**Language**

AS3 Classpath	Library\AS3\intrinsic
AS3 File Types	<b>Matriz String[]</b>
Default Flash Version	10.1
Disable Flex Debugger Hosting	False
Disable Live Syntax Checking	False
Installed Flex SDKs	<b>Matriz InstalledSDK[]</b>
[0]	Flex 4.6.0, AIR 3.5
Verbose Flex Debugger Output	False

**Profiler**

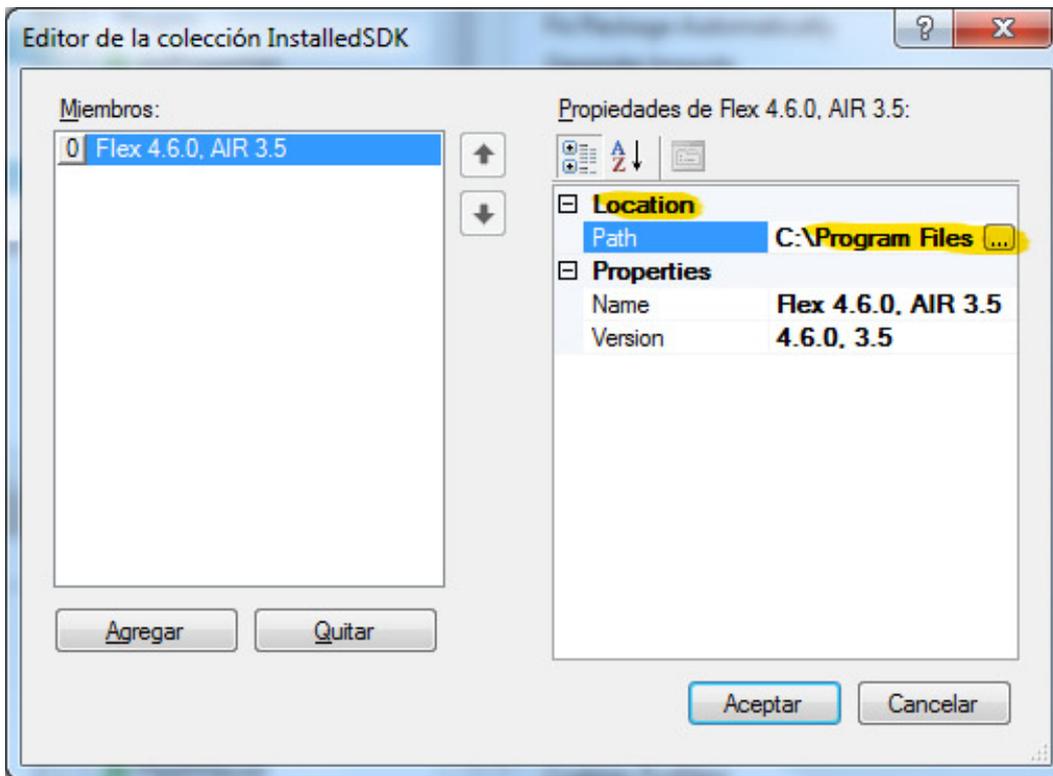
Custom Profilers	
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**Installed Flex SDKs**  
The path to Adobe Flex SDK on your computer.

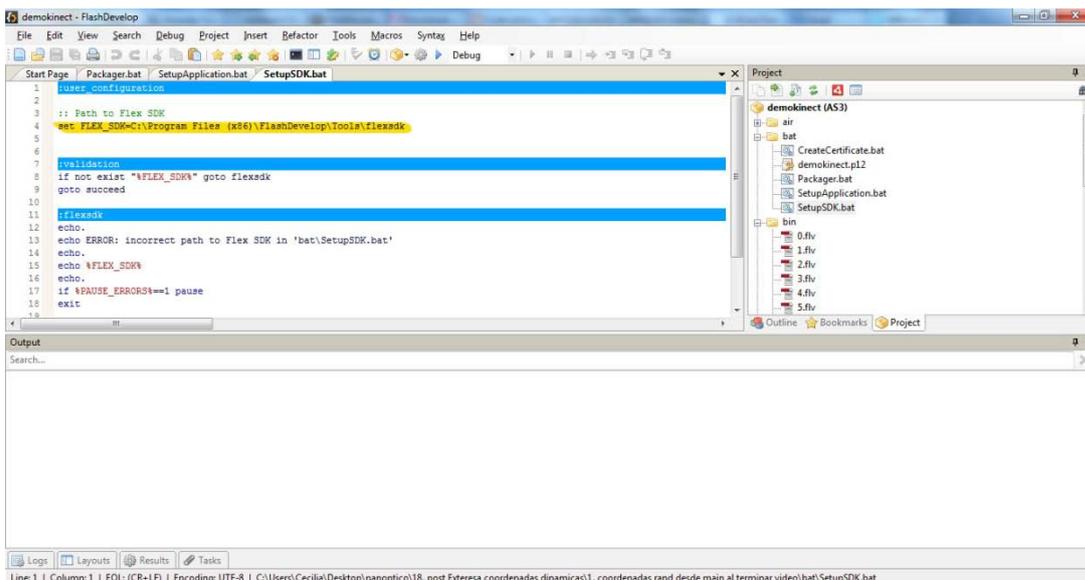
Settings will take effect as soon as you edit them successfully but some may require a program restart. Close

## Location

Path C:\ProgramFiles...



2) Panopticon is an AS3 Air project using free development library for Adobe Air Kinect, this is within the files (no need to install it) just unzip the project folder on the desktop. Now all you have to do is change the path to change the path in the SetupSDK.bat file located in the "bat" project folder.



3) Finally connect the projector.