

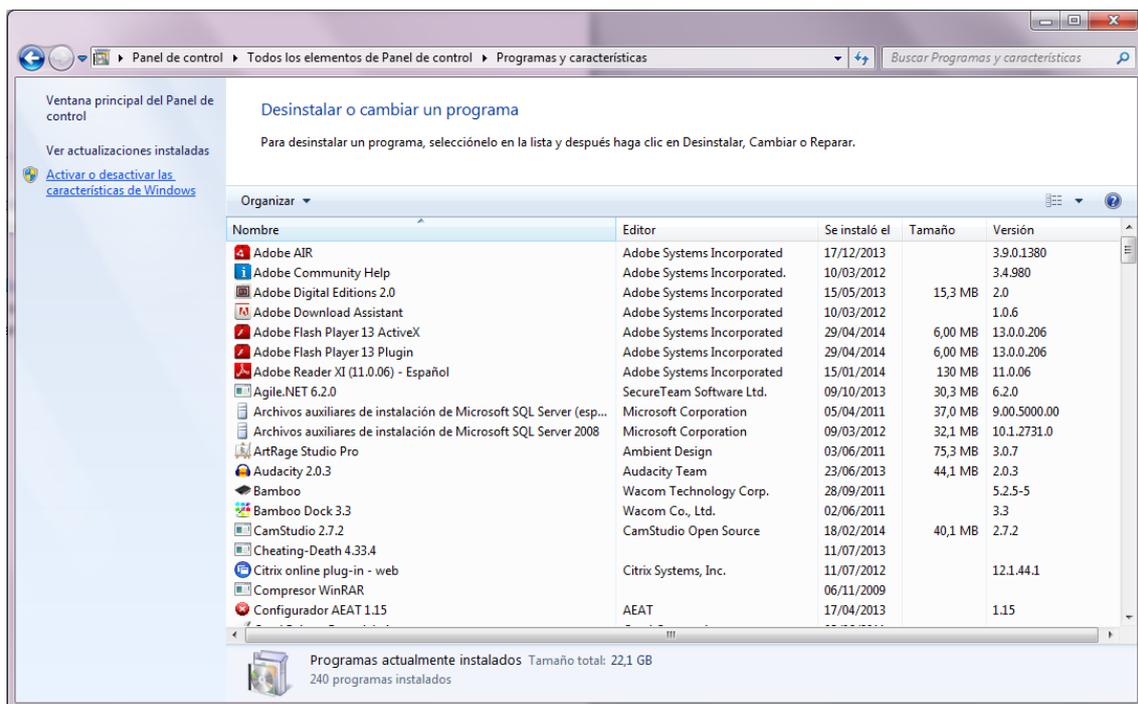
E-Sniper web server

Table of contents

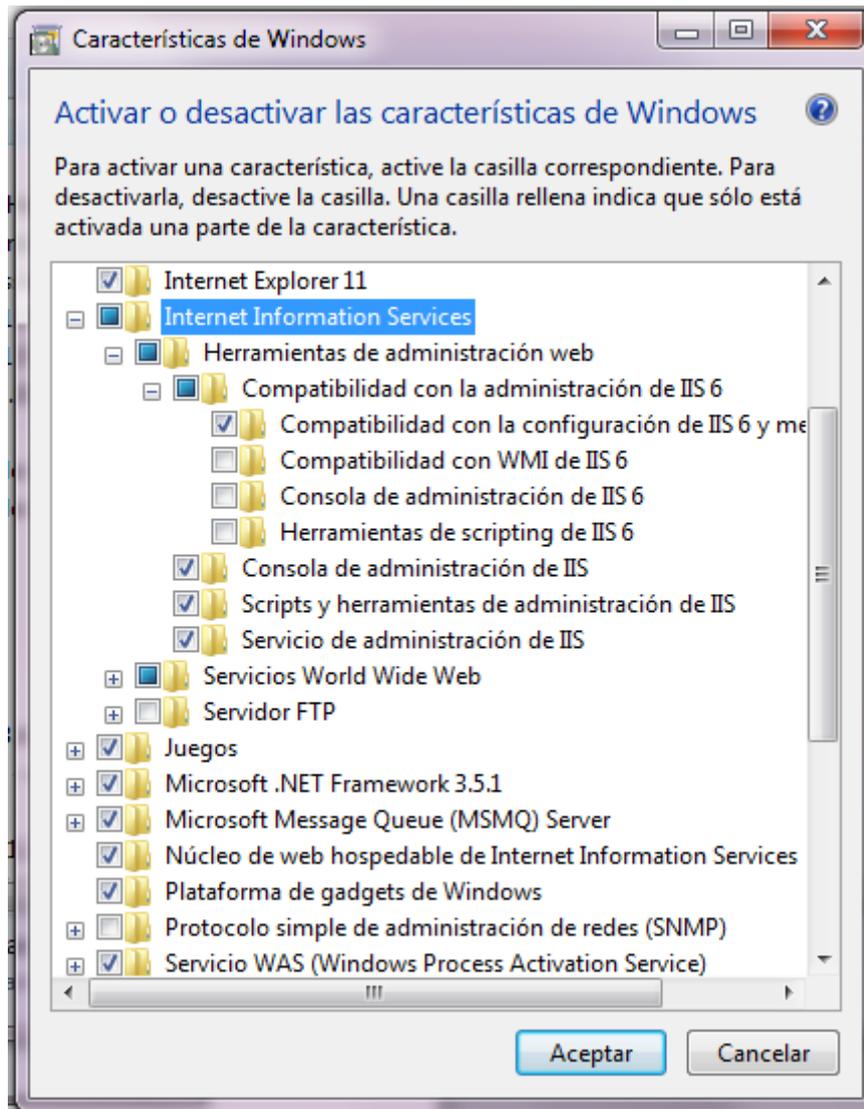
Installing the IIS server	1
Installing the application	3
Create the Website	4
Check the application	5
Configure the database	6
SQLServer	6
MySQL	7
Connect the application with the database	9
Configuration of the shooting stands	10
Create a new stand	10
Shoot from a shooting stand	12

Installing the IIS server

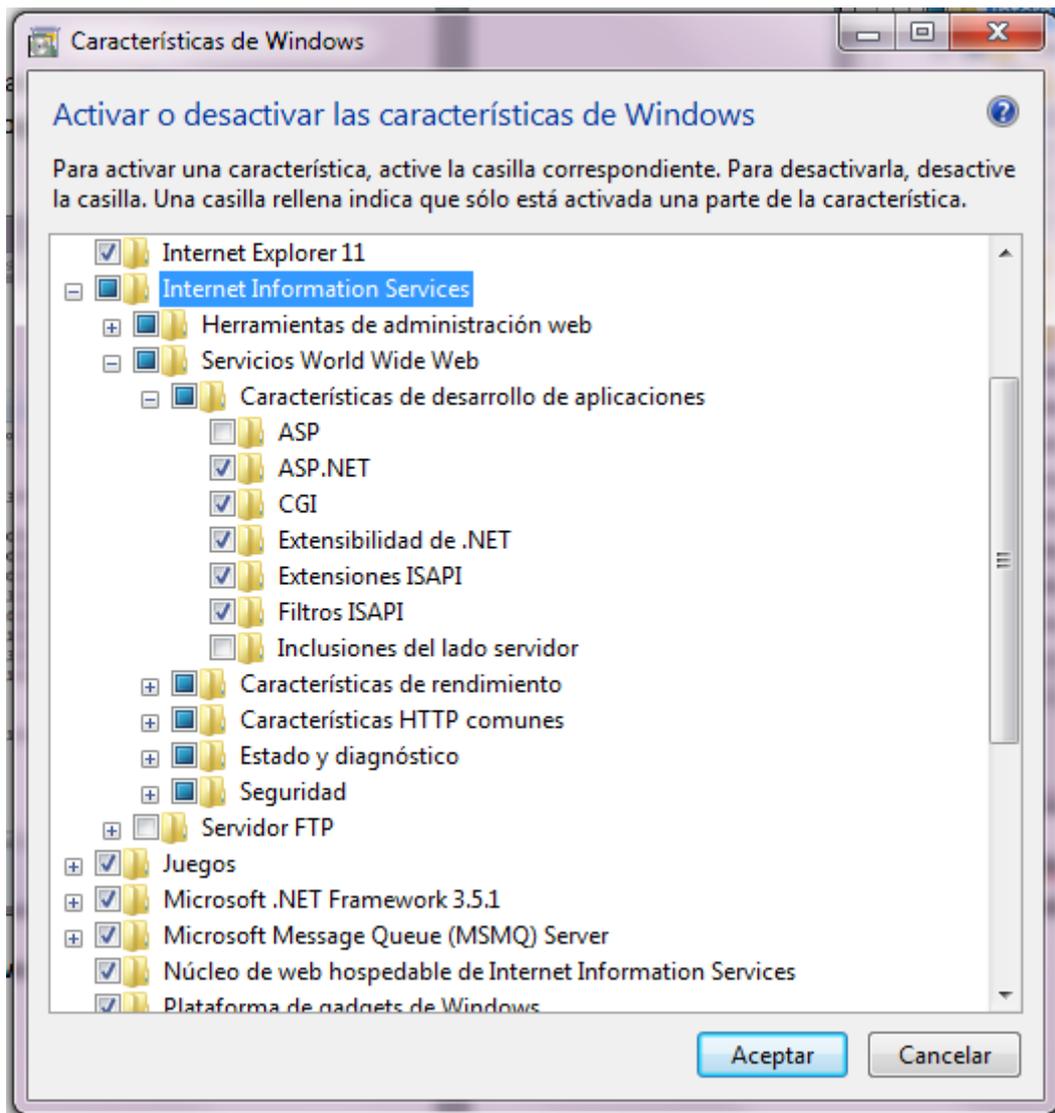
First you must enable the IIS server on the computer where the server is installed. To do this, access the Control Panel and select **Programs and Features**:



Then select **Enable or disable Windows features**:



Select **Internet Information Services**, making sure to have the option of **Management Compatibility with IIS6** and **IIS Admin Service** activated.

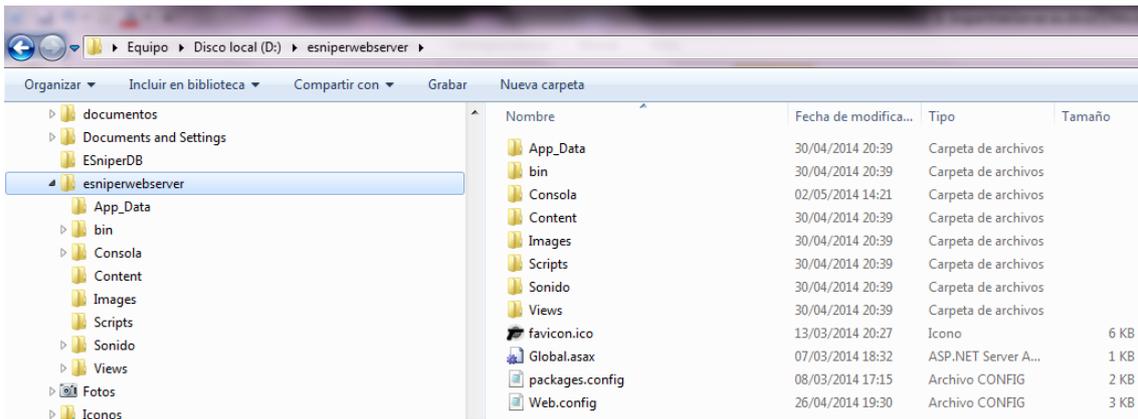


In World Wide Web Services, make sure to enable the options **ASP**, **ASP.NET** and **.NET Extensibility**.

You can accept other options that are enabled by default.

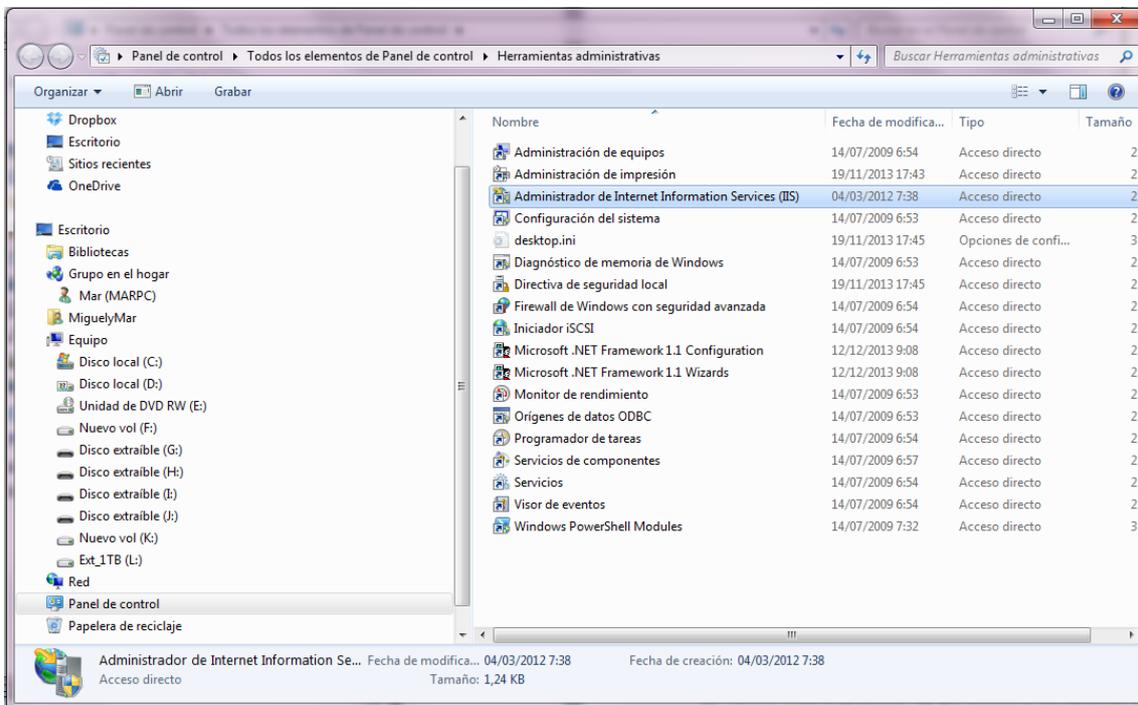
Installing the application

Then you must unzip the file **E-SniperWebServer.zip** previously downloaded from the web e-sniper-shooting-practice.com in a directory on the local disk. In this example we will use the **D:** \esniperwebserver:

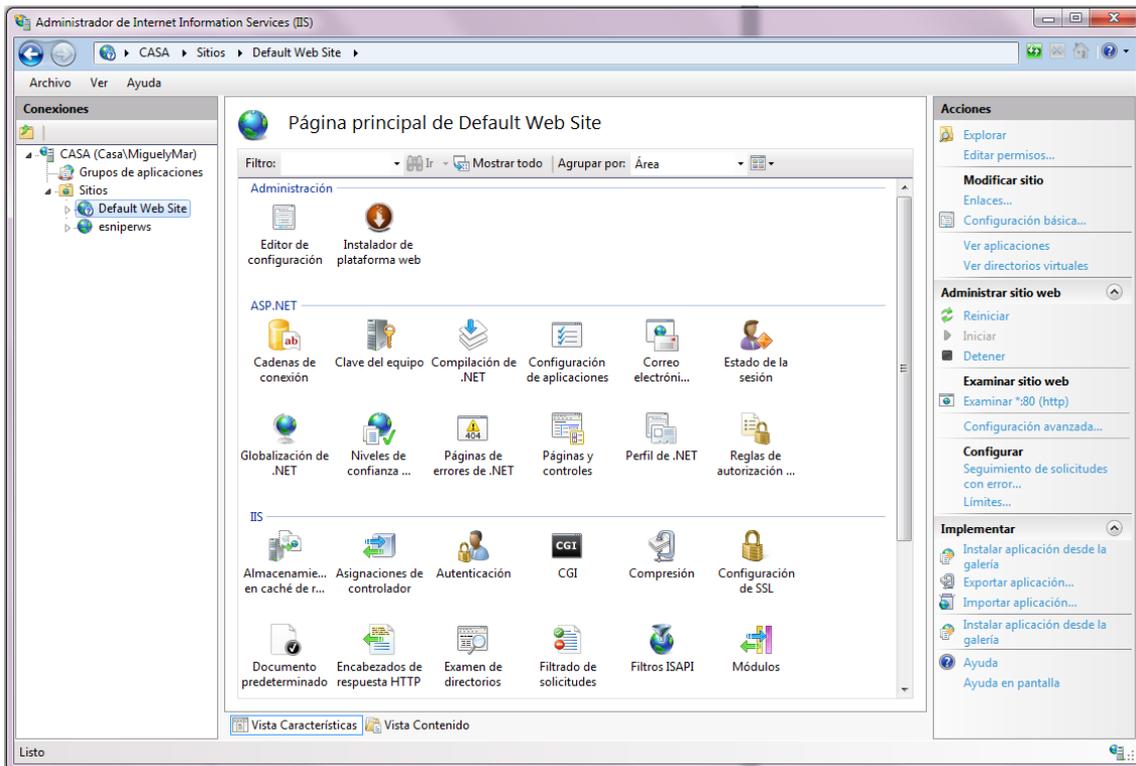


Create the Website

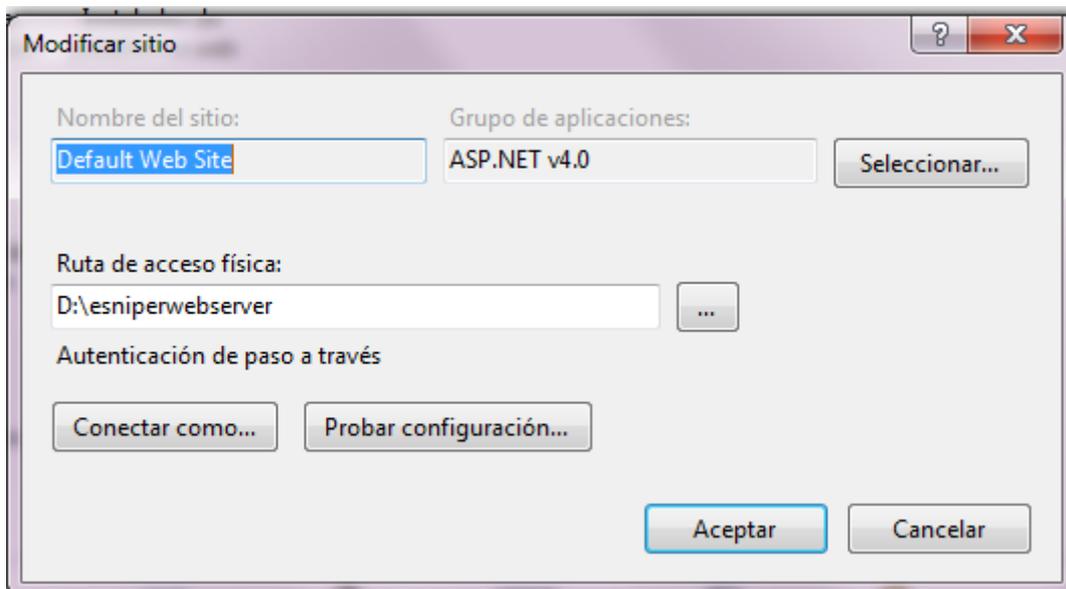
Again in the control panel you should select **Administrative Tools**, and within these, **Internet Administration Information Services (IIS)**:



In the IIS Management Console, select **Default Web Site**:



In the right pane, select the **Basic Settings** option:

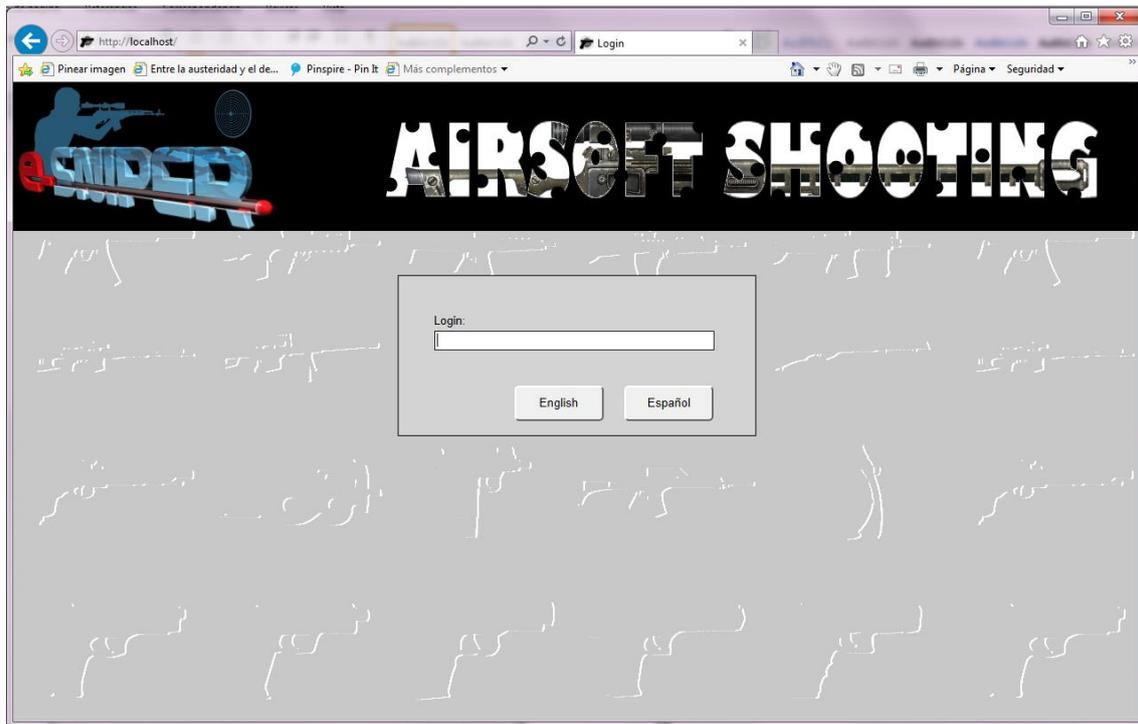


Change the **application pool**, select ASP.NET v4.0. In the case of not having this option, you need to install the .NET Framework 4.0 from the Microsoft website.

In **Physical path** you must select the directory where the application is located. Then press the **Accept** button.

Check the application

Then you have to open the browser and type **localhost** or **127.0.0.1** in the direction bar to verify that the software is properly installed:



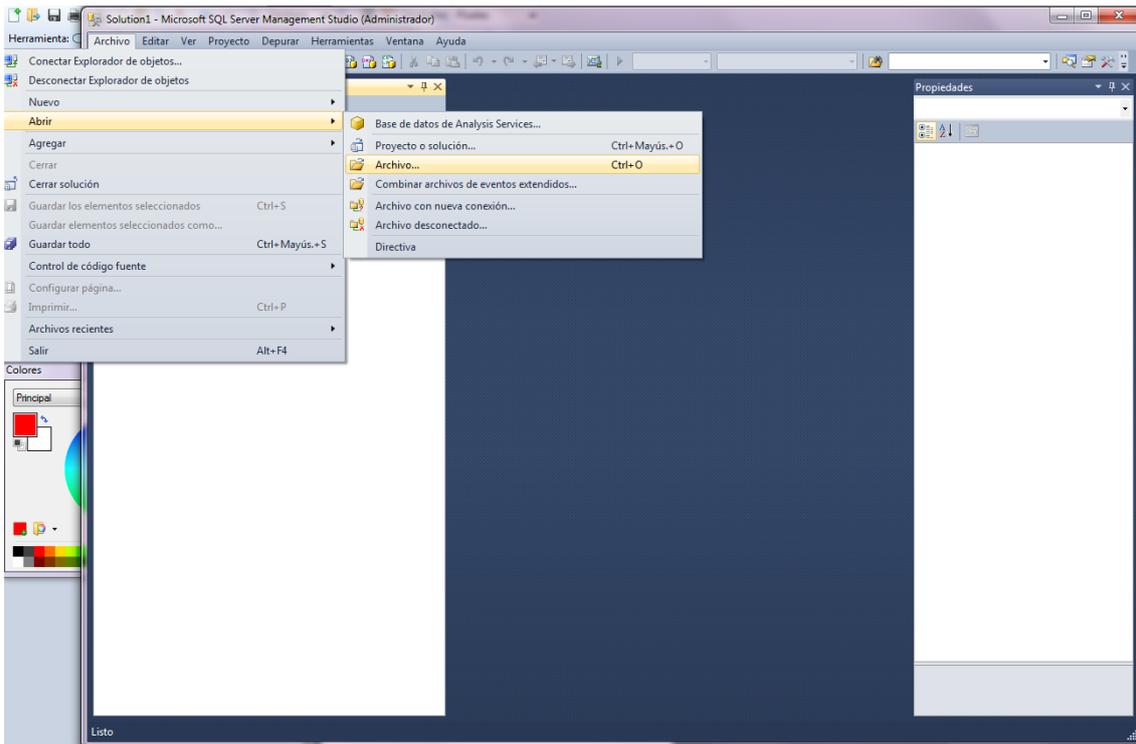
Configure the database

To use the application, you need to install MySQL or SQLServer database server. There are free versions of both servers that can be downloaded from the internet.

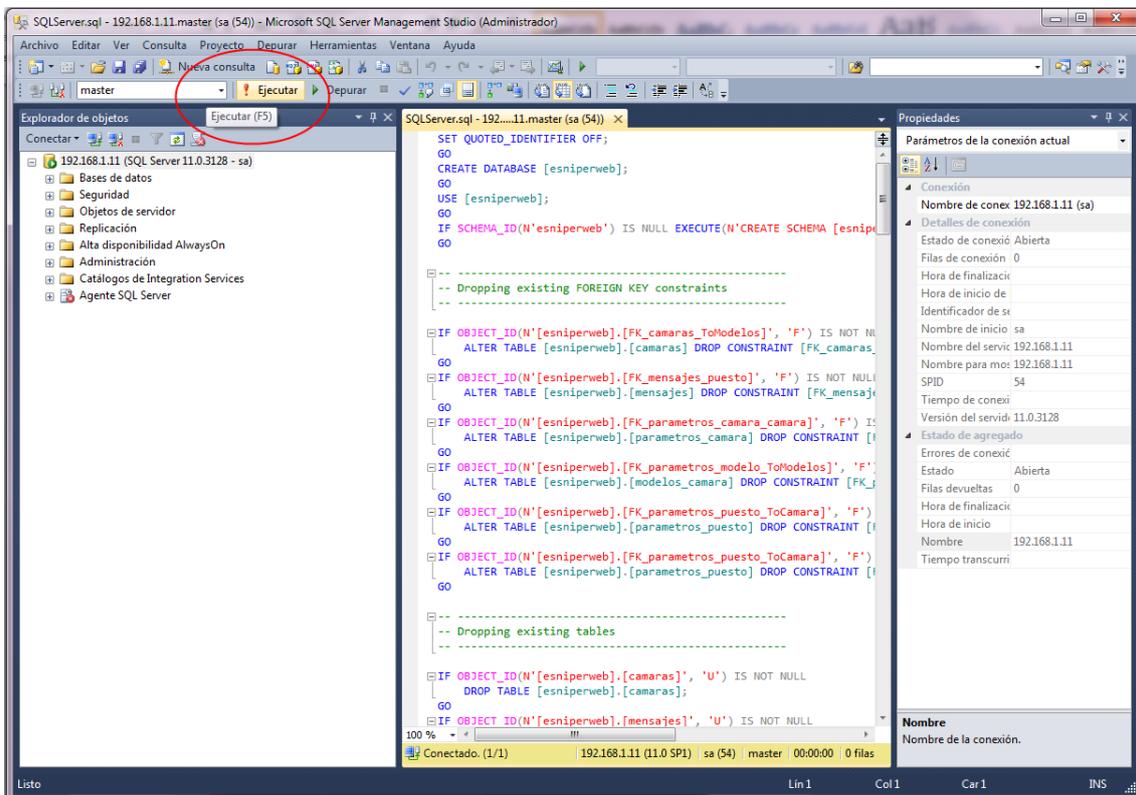
After installing the database, you must execute the corresponding script that is located in the D:\esniperwebserver \App_Data directory to create the database on the server.

SQLServer

You must open the **SQL Server Management Studio** program, connecting to the database engine and select the menu option **File \ Open \ File**:

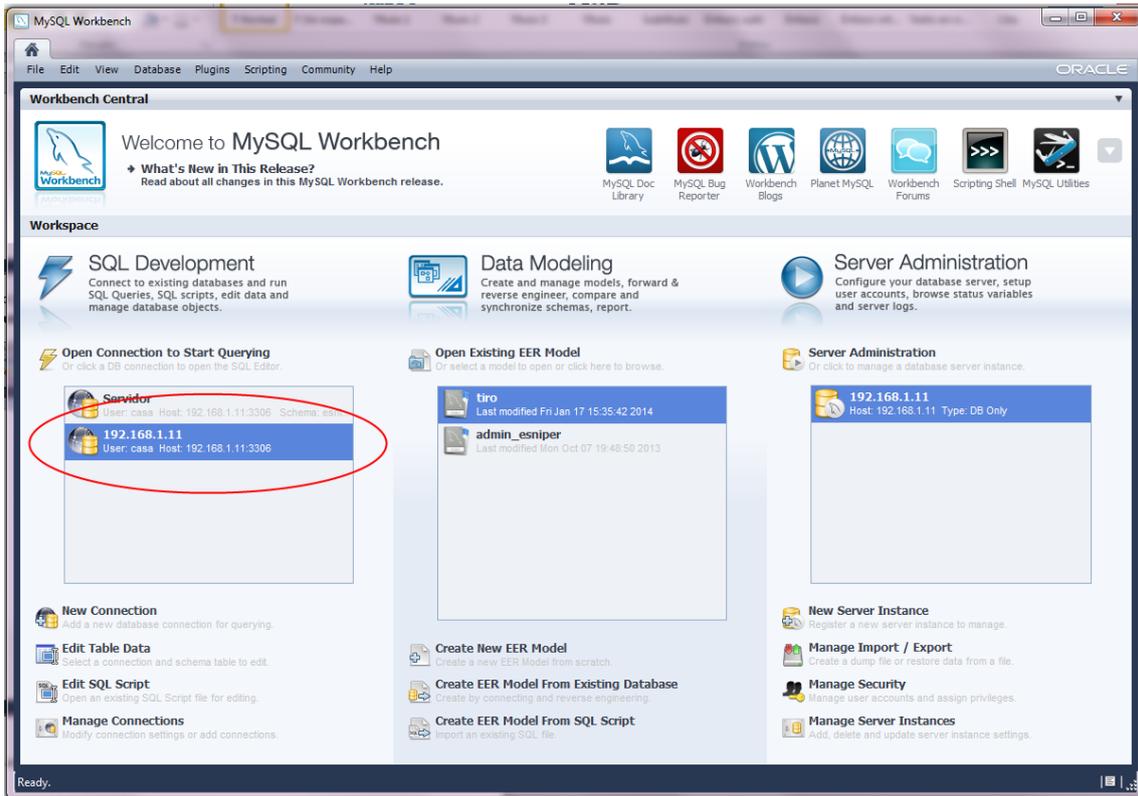


Select the file SQLSerevr.sql from D:\esniperwebserver\AppData folder and then press the **Execute** option:

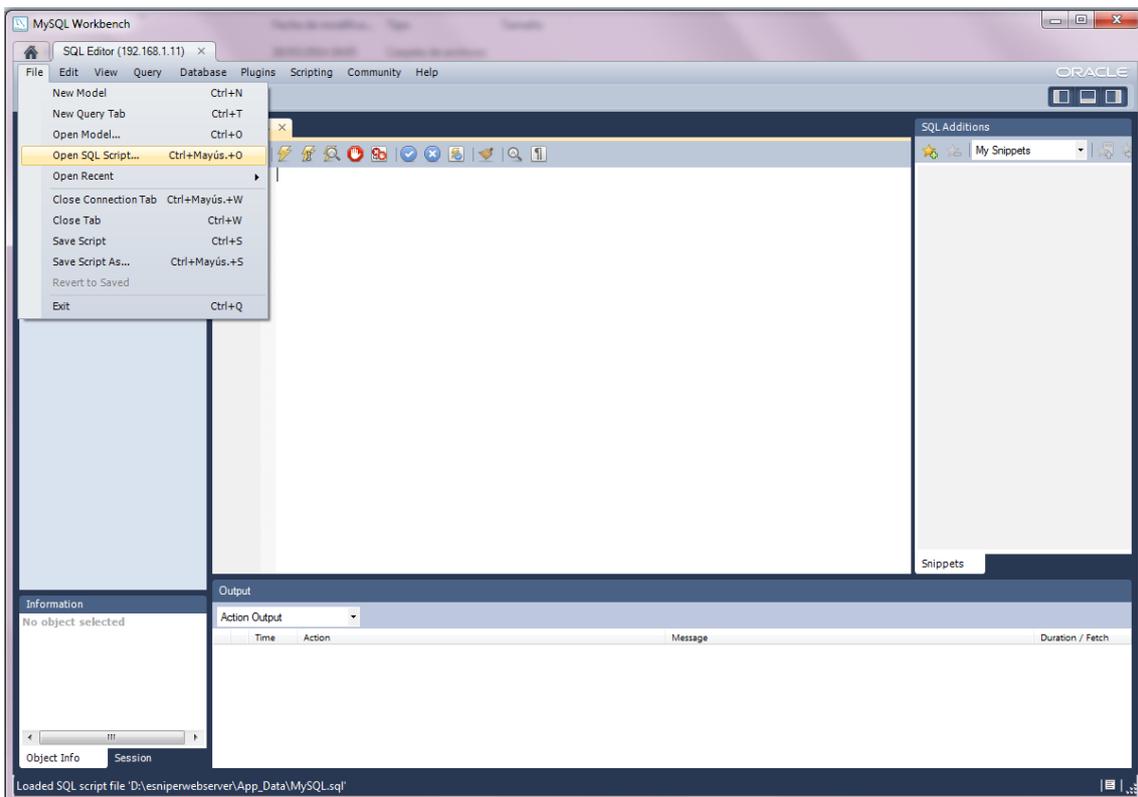


MySQL

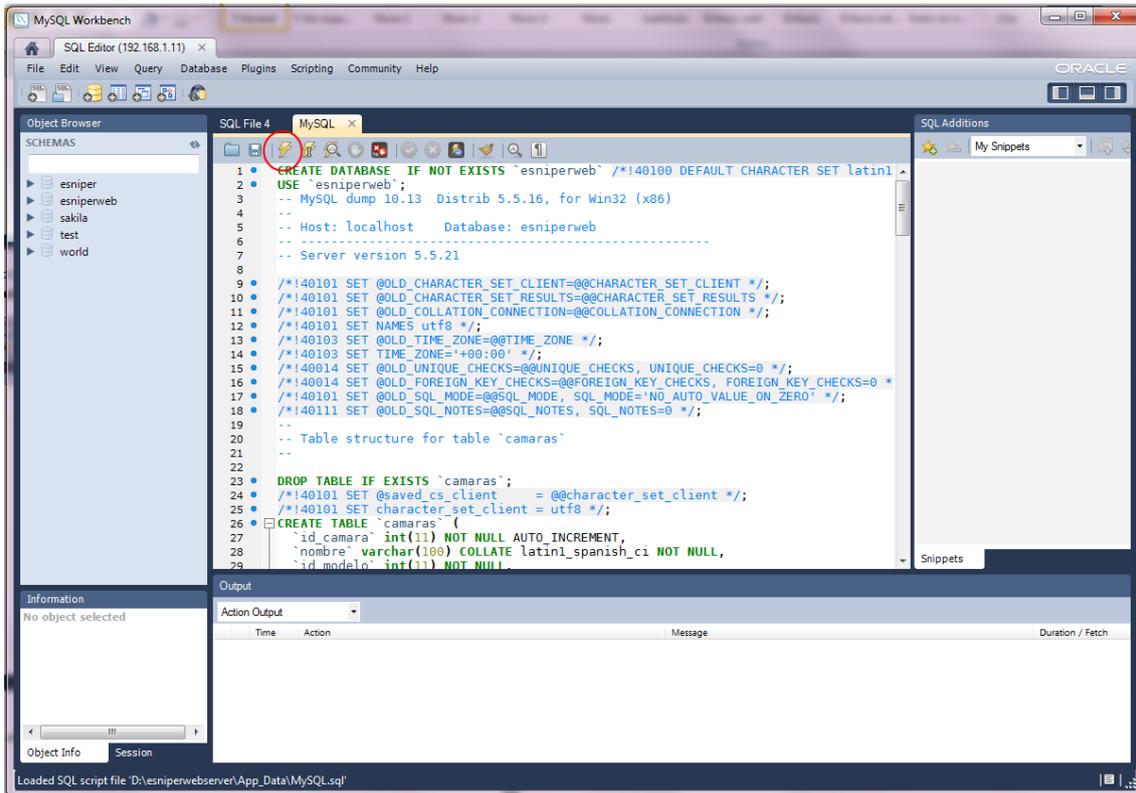
You must open the **MySQL Workbench** and connect to the database server:



Select the menu option **File\Open SQL Script**:

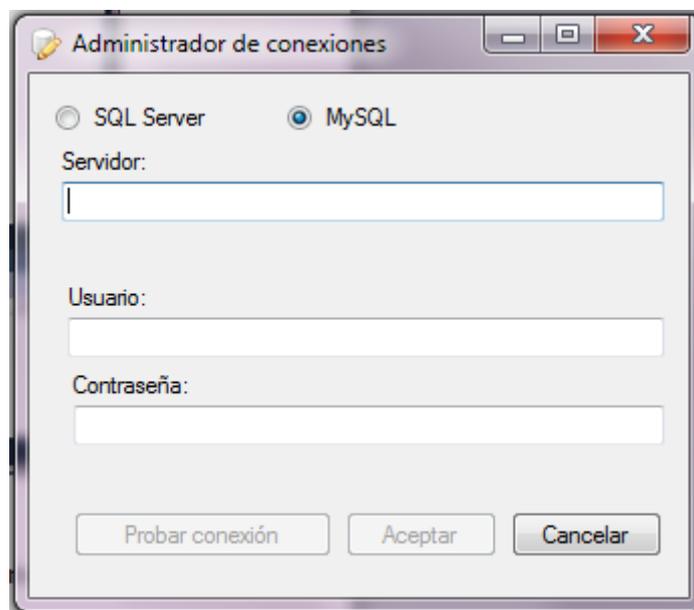


Select the MySQL.sql file from dthe folder d:\esniperwebserver\AppData and then press the execute button:



Connect the application with the database

To configure the database connection, there is the **ConManager.exe** utility in the folder **D:\esniperverserver\Consola**:



You must select the database type and enter the server, user name to connect and the password. If the database is in the local computer, you can type localhost or 127.0.0.1 as the server name, if it is on another computer, you can type their IP address.

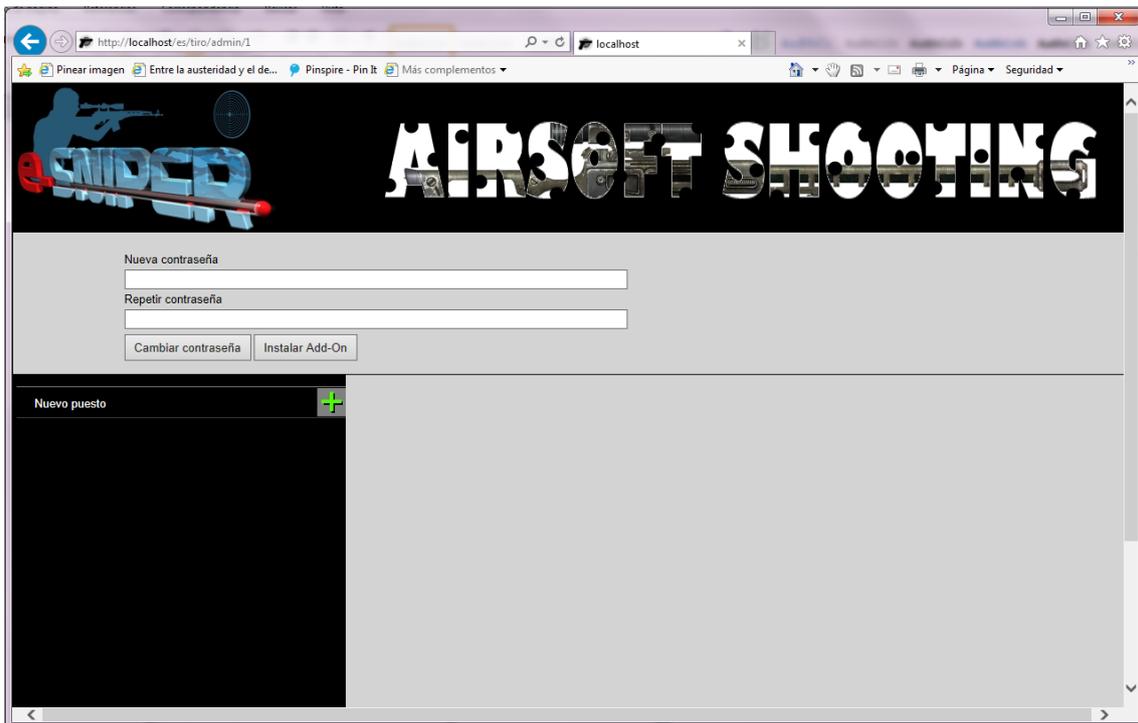
You can check the connection with the button **Test connection**. When you press the **Accept** button the configuration will be saved and you must start using the application.

Configuration of the shooting stands

Once installed the application, you must execute **E-SniperConsola.exe**, in the folder `D:\esniperwebserver\Consola` before access to the web. This program should be added to the start menu to run automatically every time Windows starts, for this you must do the following:

- Press the right mouse button over the file `E-SniperConsola.exe` and then select **Create shortcut**.
- Drag the shortcut to start menu (Windows button, all programs, init folder). If you cannot do this, log in as administrator.

Once this is done, you can access the application from the local browser introducing the administrator password, which is 123456 by default.

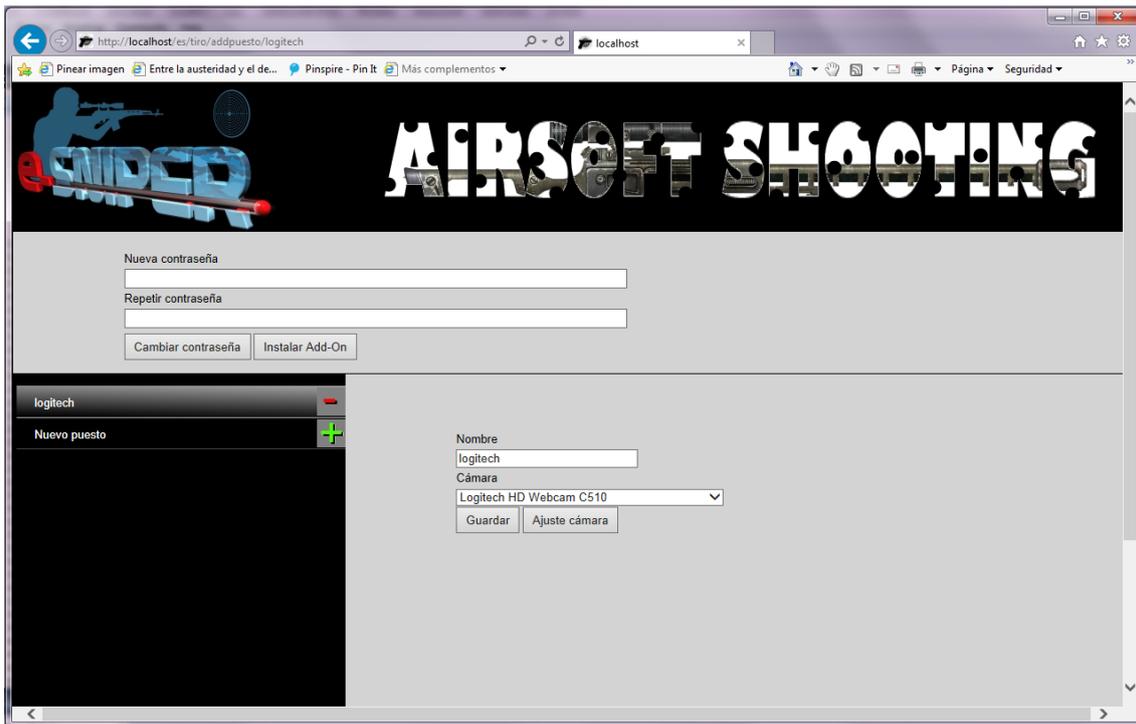


Here you can change the administrator password, and create and configure the shooting stands. It is also possible to install new camera models using the **install Add On** button if available.

Before create the stands, you must ensure that the cameras that you will assign to each of them are installed in the local computer. Two stands can have assigned the same camera, but in that case cannot be used simultaneously.

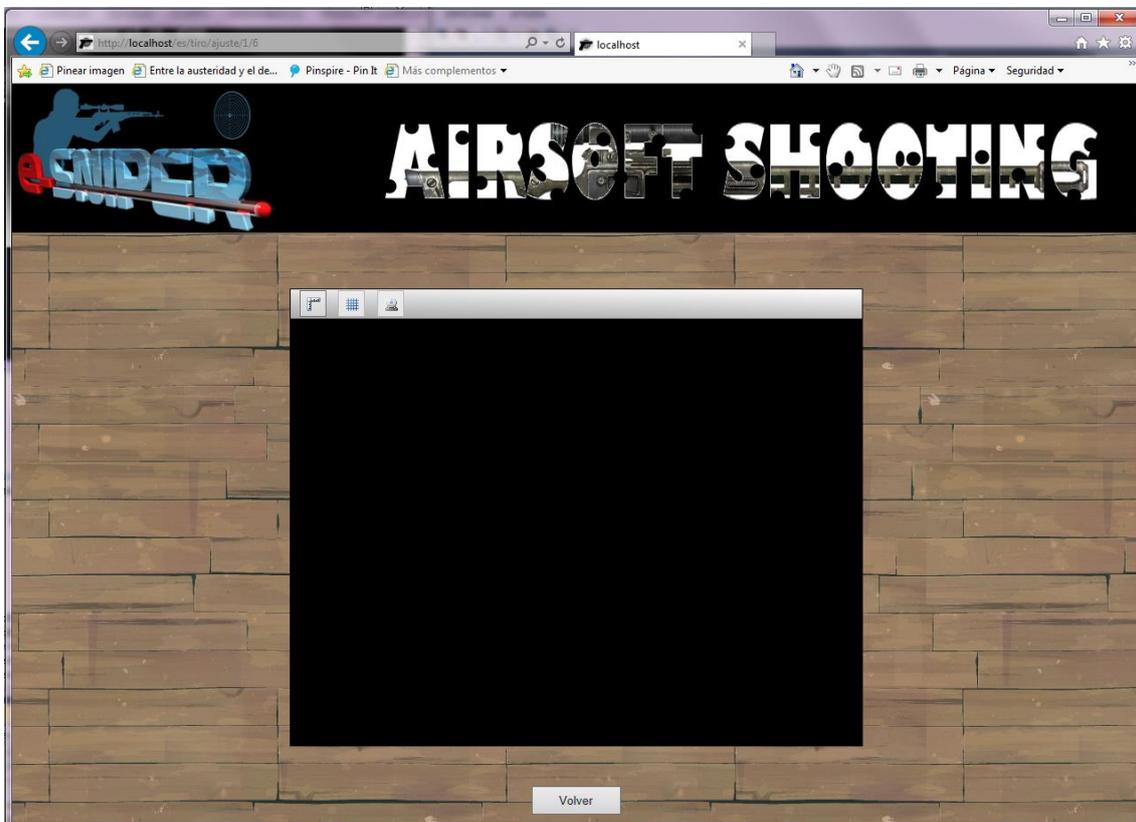
Create a new stand

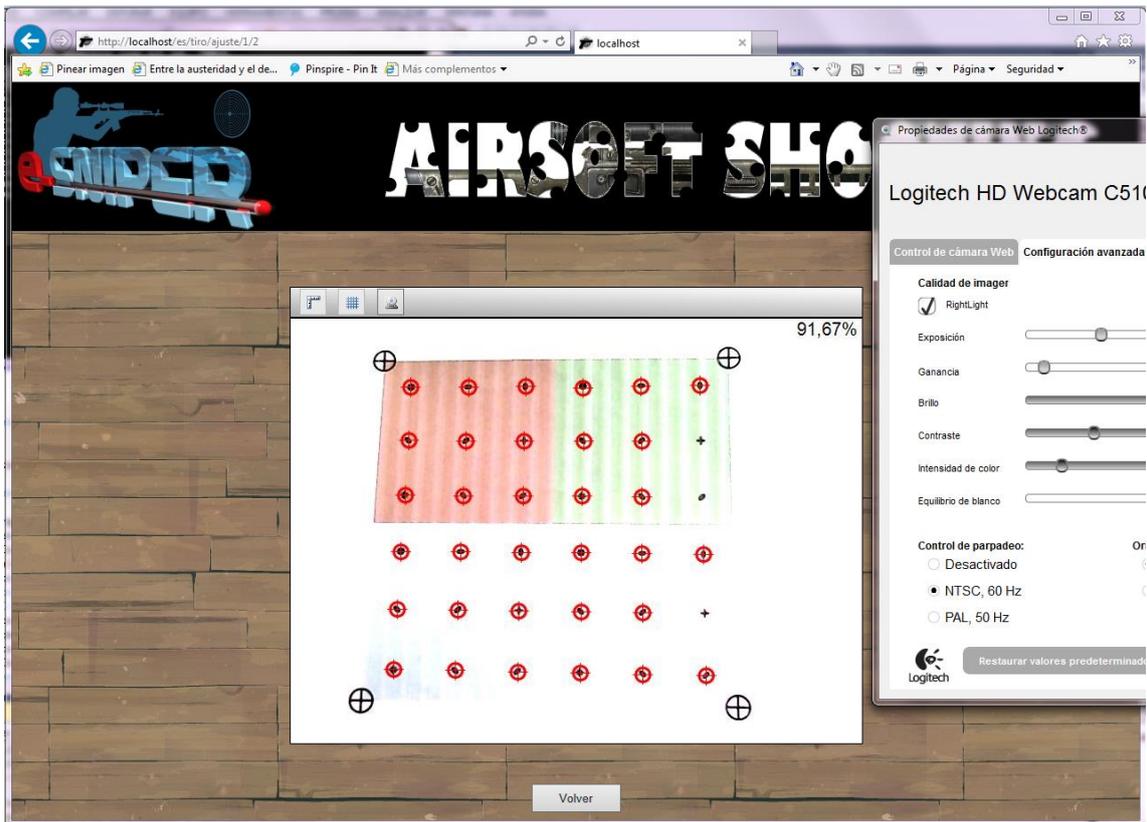
By pressing **New stand**, over the green cross, a new stand will be created, to which you must assign a name which is the password to access it when we go to shoot.



Select the camera to use with the stand (some camera models have also some parameters, as the IP address, user name and password, etc.) and then press the **Save** button.

Once this is done, you can adjust the camera settings the same way as in the E-Sniper application, by pressing the **Camera setup** button.





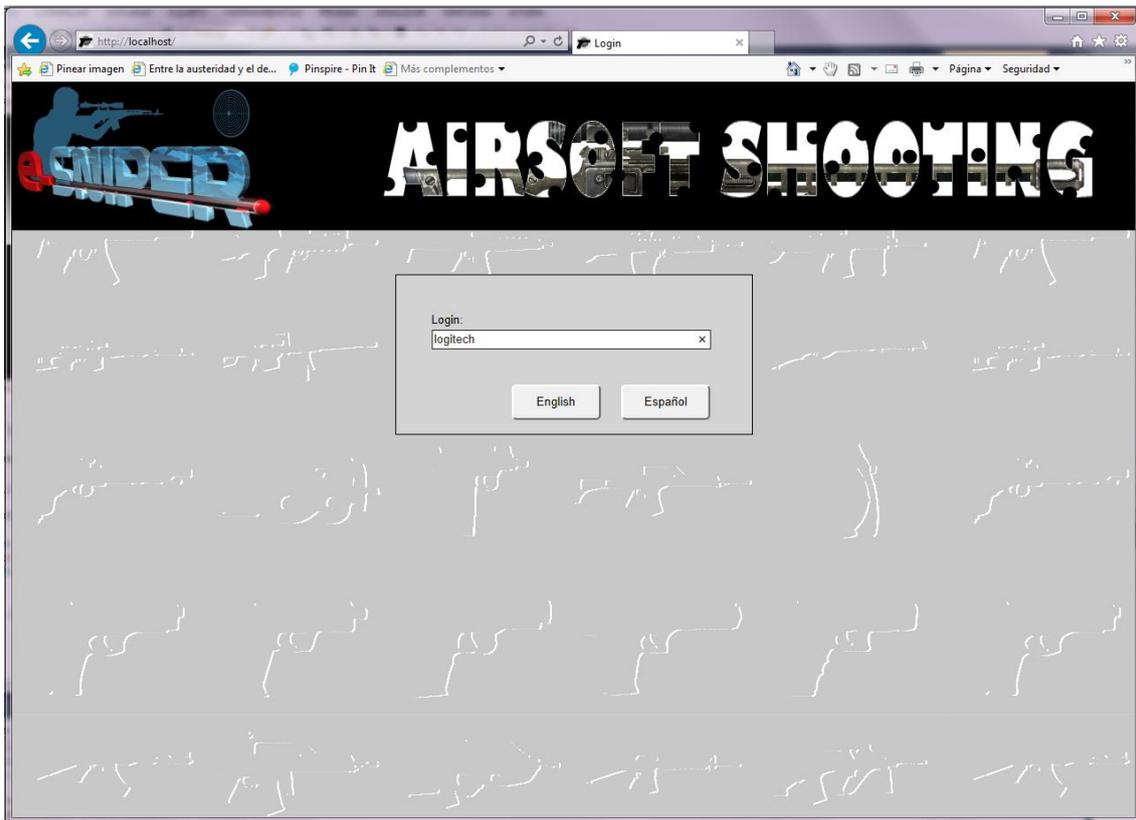
Once the camera adjusted, you can access the stand from any device with a browser and access to the local network.

Shoot from a shooting stand

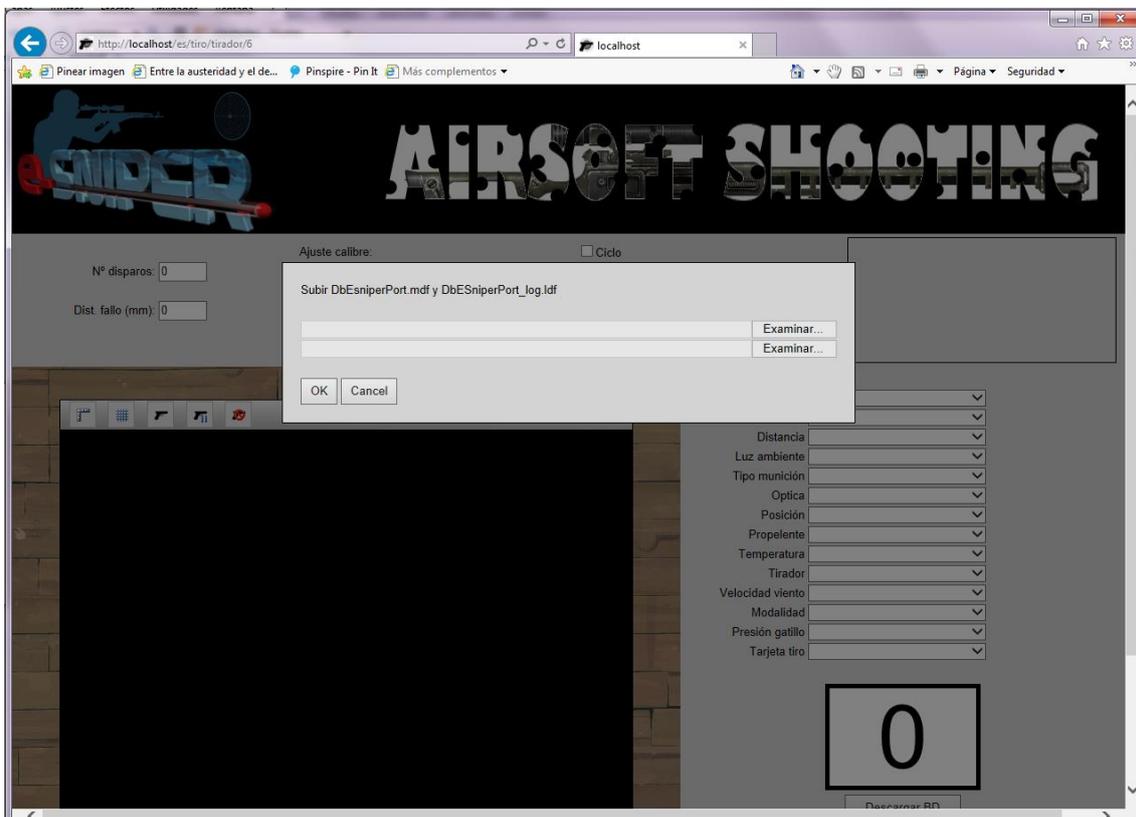
Previously you must print the targets you will use from the E-Sniper application, because the web application does not allow print and design targets, and export the database with the **Create portable database** menu option to the device used to shoot.

This will generate two database files, **DBESniperPort.mdf** y **DBESniperPort_log.mdf**, which you must upload to the server before shooting.

To access the application from the shooting stands, you must open the navigator from the device and then enter the server IP address. In the login page you must type the stand name and then select the language.



Then, upload to the server the two database files. This must be done only once during the entire shooting session, if the browser is closed by any reason, you must cancel this operation for not overwrite the data. You must select the two database files, one in each input box, regardless of the order, and then press the OK button.



Once completed the shooting session, use the **Download DB** button to retrieve the data and dump it in the E-Sniper database with the import menu option:

