IP Video System Design Tool
JVSG.com excels at creating innovative and unique video surveillance tools and the latest video surveillance design software from the company "IP Video System Design Tool 9.1" is a boon for CCTV system designers helping them to plan optimum surveillance systems while lowering risks of errors. The software also provides an easy and intuitive graphical interface which makes it easy to communicate and exchange ideas with clients.

twitter.com/cctvdesigner  facebook.com/IPVideoSystemDesignTool

support@jvsg.com  youtube.com/user/jvsgcom

Over 2000 companies design video surveillance systems with the help of IP Video System Design Tool.
Why our software

You will be able to show end-users:
- why cameras should be placed in this positions
- why they need a certain number of cameras
- why they need this type of the camera

Using our program you can quickly test different scenarios without actually taking the time to install them.

By using our program you seem professional and caring towards your client, standing out from your competitors.
What you can do

1. Choose a camera you need

Specify your camera's parameters in order to adapt it to your needs.

If you know which camera you need, just select it from the program's database, which now consists of more than 2000 cameras.
Camera zones in 3D

The elevation view of the camera and view from the top will help you to set necessary camera installation height, distance from the camera to the target, field of view width and check blind spots.

Change parameters quickly with the mouse by moving colored end-points.
Create a 3D view

Load a background image from a picture, PDF or AutoCAD drawing and construct 3D model of the building with built-in objects.
Camera zones

IP Video System Design Tool calculates field of view, lens focal length, the number of pixels per meter for a given distance from the camera and shows the following areas in different colors:

- **Identification zone**: to identify a person beyond reasonable doubt
- **Recognition zone**: to recognize a known person
- **Observation zone**: to see some characteristic details, such as clothing
- **Detection zone**: to detect a person
- **Monitoring zone**: to monitor or do crowd control
Optimal camera position

Our software can help you to solve such an important question as how to identify people who are coming through the door if your area near the door is not Red, meaning it is not a part of the Identification zone; you have 3 ways to fix it:

Choose a camera with higher resolution
Make the field of view narrower
Make the camera location closer to the door
Camera 3D views

See enlarged view of any camera and estimate the picture quality at the target distance.

See views of all cameras from your project exactly as a security guard will see.
Bandwidth and storage space

<table>
<thead>
<tr>
<th>Resolution</th>
<th>Compression</th>
<th>Image Complexity</th>
<th>Frame Size*, KB</th>
</tr>
</thead>
<tbody>
<tr>
<td>1600x1200  (2 MP)</td>
<td>H.264-10 (High Quality)</td>
<td>75 - Above av.</td>
<td>32</td>
</tr>
<tr>
<td>640x480    (VGA)</td>
<td>H.264-10 (High Quality)</td>
<td>33 - Low</td>
<td>3.4</td>
</tr>
<tr>
<td>1280x720   (HD)</td>
<td>H.264-10 (High Quality)</td>
<td>75 - Above av.</td>
<td>15</td>
</tr>
<tr>
<td>1280x720   (HD)</td>
<td>H.264-10 (High Quality)</td>
<td>65 - High</td>
<td>16</td>
</tr>
<tr>
<td>1280x720   (HD)</td>
<td>H.264-10 (High Quality)</td>
<td>33 - Low</td>
<td>11</td>
</tr>
</tbody>
</table>

Specify camera resolution, compression used and other parameters you need

Choose frames per second, number of cameras and retention time

Get disk space and network bandwidth calculated

Adjust recording percentage and use the unique timetable function for cameras with motion detection
With IP Video System Design Tool you can print or export your project to PDF. Copy your calculations, drawings and 3D mockups to MS Word, Excel, Visio or other software to create an excellent project documentation.
Download our **45 days trial version** and make sure that our software will help you to find best solutions!

Please send us your presales/sales/pricing questions by email to sales@jvsg.com
Prepare video surveillance proposals and projects **QUICK & EASY**

See more on our website [jvsg.com](http://jvsg.com)