AXIS Design Tool 2

www.axis.com
This is Axis

> Founded in 1984
> IT company driving the shift towards digital video surveillance products
> Global partnerships through distributors, resellers and system integrators
> Offering the market’s broadest portfolio of network video products
> Focused on Network Video Solutions
> Worldwide presence in more than 20 countries, over 1000 employees
> Listed on NASDAQ OMX, under the ticker AXIS
Introducing the AXIS Design Tool v2

> System requirements
AXIS Design Tool version 2 has been designed for use with the following browsers: MS Internet Explorer 8 or higher*, Google Chrome, Apple Safari 4 or higher, Mozilla Firefox 3.5 or higher.

* If you are using Internet Explorer on Windows, you might need to accept a warning message in order to allow Active Content to run. Enabling third-party development of a wide range of applications...
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> Estimates bandwidth and storage needs for your surveillance project.

> Based on image resolution, frame rate, compression, recording options, and the surveillance scenario.

> Scenarios with a lot of detail or movement will require more bandwidth and storage, compared to scenarios with less detail or movement.

> Allows for saving multiple projects and allows for camera profiles for ease of project creation
Type [www.axis.com/tools](http://www.axis.com/tools) to access the online tools portal.

Select AXIS Design Tool to access the online tool.
AXIS Design Tool v2 Interface

Select ‘Start tool’
AXIS Design Tool v2 Interface

- Add cameras and encoders to your project listing
- Edit product settings in the listing or double-click to edit
- Projects listing
- Project summary and project settings
- Add, import, export or duplicate projects
- Add, duplicate or edit products
- Profiles hold viewing and recording settings
- Open reports
Getting Started

> After launching the tool, a ‘help’ screen will open to assist in project creation.

> To begin, select a camera and one of the preloaded *model scenarios*, which allow for varying complexity and movement.

> Choose the scenario that is closest to your surveillance situation.

> Viewing and recording settings are managed using *profiles*.

> Choose one of the built-in profiles, or create your own profile to match your project needs.

> To add new profiles or edit profile settings, click the **Profiles** button.
Profiles

Profiles are used to manage the viewing and recording settings for cameras and encoders.

A profile contains separate settings for viewing, continuous recording and event recording. You can choose settings such as frame rate, resolution, codec and compression.

New AXIS Design Tool projects come with three pre-defined profiles. You can use these directly in your project, or edit them to suit your needs.

You can also create any new profiles you may need. To add new profiles, or edit existing profiles, click the Profiles button. When you update a profile, settings for all cameras using that profile will be updated.
**Editing product settings**

> You can edit product settings directly in the product listing. Use the keyboard to navigate and change the settings.

> You can also double-click a product to open an edit dialog.

> Inside the edit dialog you will also see the recording and viewing settings that are applied to this camera or encoder.

> To change these settings, select a new profile from the Profile menu.
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By selecting ‘Custom’, you can create or modify the settings that only apply to the product being edited.

In a pre-defined profile, the parameters are greyed out. Only ‘Custom’ allows for modification.
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If a camera is not capable of the settings made in the profile, a warning is displayed.
>For each camera you need to select the scenario that is most similar to the actual surveillance situation.

- Intersection – limited detail, medium movement, outdoor
- Reception – limited detail, limited movement, indoor
- Schoolyard – lots of detail, medium movement, outdoor
- Stairway – lots of detail, medium of movement, indoor
- Station – lots of detail, lots of movement, indoor

> To view example videos showing the scenarios, double-click a product in your project to open the edit dialog.

> In the dialog, you can open example videos and also review different frame rates and compression settings.
Reports

>AXIS Design Tool provides three different reports:

- Bandwidth estimate report – lists bandwidth and storage requirements for each camera and provides a total for the project.
- Bill of materials – provides a summary of products included in the project. You can choose to include AXIS Camera Station licenses for your project in the bill of materials.
- Hardware recommendations for AXIS Camera Station – these recommendations are based on the number of cameras and encoders in your project.

>Click the Reports button to choose which report to open.

> The reports open in a separate window that you can print. You can also copy the contents of the report and paste into another document, for example a spreadsheet.
Understanding the Results:

Click the **Summary** button to view the results for the current project.

<table>
<thead>
<tr>
<th>Result</th>
<th>Estimated bandwidth/storage required for...</th>
</tr>
</thead>
<tbody>
<tr>
<td>View</td>
<td>Viewing</td>
</tr>
<tr>
<td>Rec</td>
<td>Continuous recording</td>
</tr>
<tr>
<td>Event</td>
<td>Event-based recording</td>
</tr>
<tr>
<td>Total</td>
<td>Viewing and all recordings</td>
</tr>
<tr>
<td>Storage</td>
<td>All recordings</td>
</tr>
</tbody>
</table>

* Please note that the results shown in the AXIS Design Tool are estimates only. Actual bandwidth and storage requirements will depend on the illumination and the motion being recorded. Be sure to allow for some margin when designing your system.
Understanding the Results:

Click the **Summary** button to view the results for the current project.
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Understanding the Results:

Click the **Summary** button to view the results for the current project.

'Settings' allows for naming the project, setting the storage duration and the location, referring to PAL and NTSC products.
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Export and import

> The export and import functions are used to share and backup projects.

> AXIS Design Tool is a web application running in a web browser,

> You need to be online in order to save or open projects directly to or from your local disk.

> If you are working off-line, you can export or import projects using copy and paste. When using this option, you copy project data between AXIS Design Tool and e.g. an e-mail or word processing document.

> Project data is stored as an encoded text file. Do not alter the contents of the encoded data, as you will not be able to import into AXIS Design Tool.
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Where is my project data?

> AXIS Design Tool stores your projects locally on your computer, using your browser’s local storage.

> Each browser has its own local storage, so if you are using more than one browser, you will see different projects.

> Browsers keep local storage separate for different web sites, so projects you have created using the online version of the design tool will not be visible when using the design tool from a USB or local disks, or the other way around.

> To move projects between browsers, or between the online version of the tool and a local version, use the export and import functions.
Get the Axis picture. Stay one step ahead.

Thank you!
The Axis Communications’ Academy provides a range of educational curricula to boost competence and confidence about Axis products and network video technology.
Introducing the new AXIS Certified Professional Program