

## Step 1. Select/Add Cameras

1. Select Platform
  - DW Spectrum
  - VMAX IP Plus
2. Select Camera Manufacturer
  - Digital Watchdog: all DW camera models
  - Generic: non DW cameras
3. Select Camera models
  - a. For DW Cameras
    - All the available DW Camera models will be listed.
    - To filter by resolution, enter the resolution like 2mp, 4mp, 5mp to display only the desired resolution
    - To filter by model name, enter few characters like MV, MB, PF, PZ, 85 to display only the desired model series.
  - b. For Non DW Cameras (Generic)
    - Cameras are based on the resolution. (2MP, 3MP, 4MP, 5MP, 6MP, 8MP, 9MP, 10MP, 12MP, 16MP)
4. Codec
  - H.264: All the cameras will be defaulted to H.264.
  - H.265: Only available to the DW Spectrum platform and the H.265 capable DW cameras and all the Generic cameras.
5. Quality
  - Options are Best, High(default), Medium and Low
6. FPS
  - Will automatically populate based on the camera models.
  - \* Changing the FPS for the VMAX IP Plus does not affect the bitrate
7. Motion(%)
  - Define how much motion will be detected within 24 hour period.
  - 100%(default): Always
  - \* If you are not sure, recommend to set at 75%
8. Set recording days (Rec. Days)
  - Enter number of days for the recording. (default: 30)
9. Set Bitrate
  - The bitrate is based on the cameras streaming both main and sub stream.
  - You can change the bitrate if you are manually setting the bitrate.

***Click Next to move to SERVER FILTERS tab***

## Step 2. Select server features and series (Only applies to DW Spectrum platform)

1. Server Features
  - OS, hardware, compatibility with specialty cameras and other DW products
2. Server Options
  - Specify specific Blackjack servers
3. Compatible Servers
  - The servers are listed in order of least amount of server required and price from low to high.

***Click Next to move to SERVER INFORMATION tab***

***Click Previous to go back to CAMERAS tab***

### Step 3. Select Server

1. Click Select on desired server
  - Multiple server can be selected to meet the requirement.
  - The servers are listed in order of least amount of server required and price from low to high.You can scroll left and right or use the arrows on the edge of the page to see more options.

***Click Next to move to PREVIEW & SAVE tab***

***Click Previous to go back to SERVER FILTERS tab***

### Step 4. Preview and Save

1. Click Save Project to save
  - Enter your information
  - Check "Please send a copy of this project configuration to email addresses above" to receive a PDF copy and send to other recipients.
  - Click Save Project
  - Write down the configuration ID to open in the future if you are not receiving the copy my email
2. Exporting to Excel or PDF
  - Only the saved calculation can be exported
3. Red numbers on the requirement overview
  - When the selected servers do not meet the requirement, the specific item will be shown in red.

***Click Previous to go back to SERVER INFORMATION tab***

### Moving from tab to tab

Always use Next and Previous button.