

Peqlab Fusion Advanced SL I06.01.201

BINNING

What is binning?

Binning allows charges from adjacent pixels to be combined and this can offer benefits in faster readout speeds and improved signal to noise ratios although at the expense of reduced spatial resolution.

How “binning” works in the peqlab software:

- Open the software
- On the left side you can choose an application: **“Select application”**
- **Click** once on the **application you need**.
- Then click on the **“Edit”** button.
- Then a window will open where with a **drop down menu “Sensitivity”**.
- Here different things can be chosen, also **“Binning”**.
- You have the option to choose 4 different binning modes:
 - **Binning 2x2**
 - **Binning 3x3**
 - **Binning 4x4**
 - **Binning 8x8**
- After **choosing your binning mode**, click **“Save”**.
- Now your customized analyzes mode is saved and can be used.