

# RCP Pro / RCPv2 :: Control more than 8 cameras

## Optimal control

For optimal control we suggest having a separate RCP panel for each camera.

This is how camera control was intended, when Sony invented the RCP form factor in the beginning of time.

## Default 'Camera Control' configuration

RCP Pro and RCPv2 panels have a feature rich pre-made default configuration called 'Camera Control'.

It is selected on Home page in the configuration drop-down menu, right next to the panel icon.

This configuration allow you to add up to 8 cameras, even from different brands.

And the 8 small buttons in the panel top are a perfect fit to use for 'Camera Select 1-8'.



## Options for more cameras

If you need to control more cameras you can..

- purchase more RCP panels

- create your own custom configuration from scratch
- modify the 'Camera Control' configuration to handle more cameras

## How to modify the 'Camera Control' configuration

This includes:

- increasing the allowed number of cameras on Home page
- create a variable to store 'current camera selector page'
- assign the variable to the Generator for camera select (to automatically create more pages)
- assign the variable to a button (to toggle pages)

You can watch a screen recording video (2min 24sec), that shows you how to modify the configuration step-by-step.

Download the video here:

[https://drive.google.com/file/d/1GC\\_ap9sWij\\_W8nkptEJa7tfiHDLgNYlp/view?usp=drive\\_link](https://drive.google.com/file/d/1GC_ap9sWij_W8nkptEJa7tfiHDLgNYlp/view?usp=drive_link)

And here's a written guide on how to do it:

Add cameras

- Home page
- in window right, click 'Add device' -> add all cameras
- in window center, select 'Camera Control' in the configuration menu
- click '+ icon' -> click 'Add all supported devices'

Expand max number of cameras to more than 8 before the '+' button disappears

- goto Configuration page
- click '>>' icon to show Object Tree
- in very bottom/right of page, click 'cogwheel' icon to open Settings -> enable 'Show IncludeLayers'
- now you see the layer 'Default RCP PRO Configurattion' -> click 'CameraSelector' to show it in Inspector
- scroll down, click 'Show more' -> edit 'Max items' from 8 to 16 (or how many you need)
- goto Home page -> add more cameras

Make sure the 8 buttons in panel top are used for 'camera select' - and not for 'presets'

- goto Simulator page / or press buttons on actual panel
- press two buttons to open Engineering menu -> set Cam-row to 'Cameras'

Create new variable to store 'Selected page'

- goto Configuration page

- click panel background to see variables -> create new 'CamSelectPage' variable -> click it to open it -> set range max 2

Use variable in generator for 'Cam selectors' to automatically build more pages

- in Object Tree, open layer RCP > Camera Control > Normal Operation -> Cam 1-8
- click any of the 8 Cam buttons to select the generator in Inspector -> set 'Paging Variable' to the new 'CamSelectPage'

Assign variable to button, to use for page-select

- click '<<' icon to hide Object tree
- click an available button, fx. X4
- select System > Change Variable > select the new CamSelectPage -> click Submit + confirm

Done.! The 8 camera select buttons in panel top now has 2 pages, and use button X4 to toggle between them.

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