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.
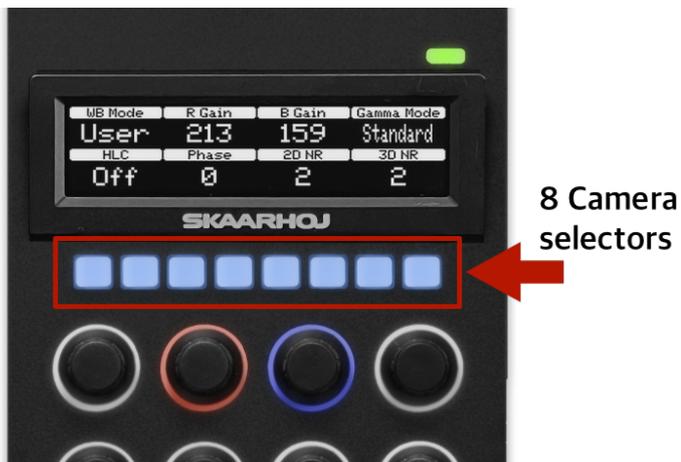
Default 'Camera Control' configuration

RCP Pro and RPCv2 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

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.