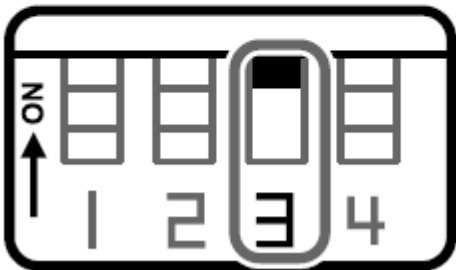# Sony ILME-FR7

In order to connect to the SONY ILME-FR7/ILME-FR7K cameras, make sure you have VISCA enabled on the camera. This can be done by setting this DIP-Switch on the unit:

Enabling VISCA over IP Communication

To use VISCA over IP communication with this unit, set SETUP switch 3 of the unit to the ON position to enable VISCA over IP communication. The switch setting is applied when the unit is next turned on.
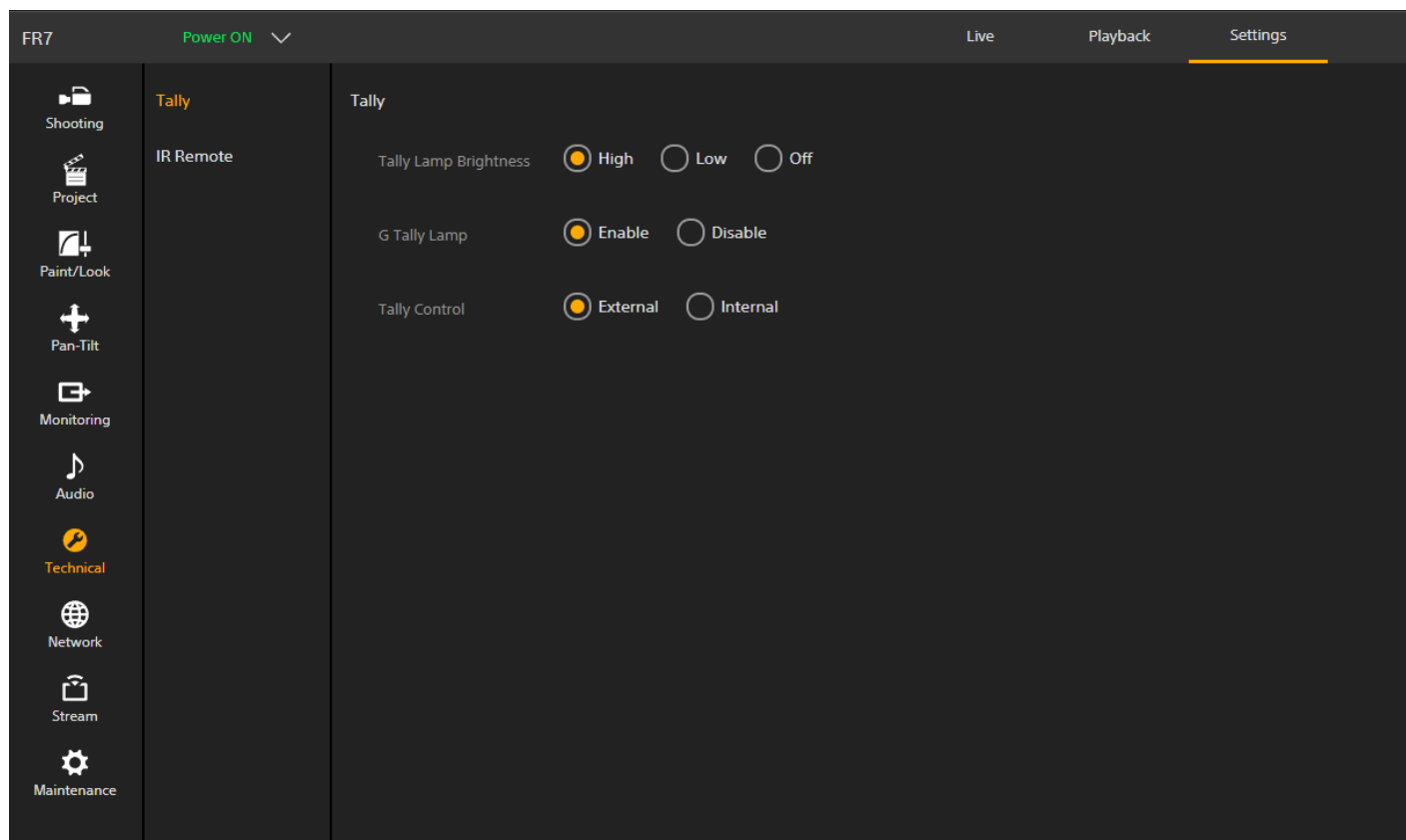

EXTERNAL TALLY

To enable Tally control from a BluePill device please enable "External Tally" in the cameras Web-UI:

ADDING DEVICE TO REACTOR

When adding this device to Reactor, it should look like this, and it should also come up as an auto discovered device if you have NDI-HX enabled on the unit, even if you don't have the license for it:

SPEED CONTROL

The joystick speed is not only controlled by the 'JoystickSens' variable. This camera has 3 parameters to control the speed of the PTZ movement.

For maximum speed, please use:

- "CAM_PTSPEEDSTEP" sets the range > set this to '9'
- "CAM_PTSLOWMODE" > needs to be 'off'
- "CAM_PTRAMPCURVE" is the accel speed > set this to 'Extend'

PTZ/Settings	
Parameter	**Sony ILME-FR7**
Ramp Curve *No description* CAM_PTRAMPCURVE	**Control:** Integer [1:9] **Feedback:** Normal (Same)
PanTilt Slow Mode *No description* CAM_PTSLOWMODE	**Control:** 3:Off 2:On (has dynamic options) **Feedback:** Normal (Same)
Speed Step *No description* CAM_PTSPEEDSTEP	**Control:** 0:Normal 1:Extend (has dynamic options) **Feedback:** Normal (Same)

Device core command list:

https://cloud.skaarhoj.com/coremanual/core-protocol-visca/pre/2811

NO CONNECTION

If you have the experience that it just wont connect at all, after having been working earlier, please try and restart the camera, there might be a client limit on the device

To be expanded upon.

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Updated 8 January 2025 08:30:40 by Kenneth Kikkenborg