

# Sony FX3

Connection and control of the Sony FX3 is possible via Skaarhoj panels with USB-A ports. This is because the Sony FX3 only supports the Sony Remote SDK using Serial USB and not through wifi or direct network connection.

## Physical Set Up

Using a USB-C to USB-A cable, connect the Sony FX3 to a Skaarhoj panel with a USB-A port.

Please note, multiple cameras can be control by using a USB hub into the Blue Pill device.

Skaarhoj Panel



Sony FX3



## Skaarhoj Set Up

On the Setting Page, enable the USB-A port.

System

Home

Configuration

Simulator

Packages

Settings

Device: Heather's BP

SKAARHOJ

System Information

System component	Installed version
Operating System	1.4 pre1
Device Type	Blue PI Server (BluePi)
System Manager	v1.0.8 (75c9006)
Serial Number	
Ethernet IP	
Ethernet MAC	
System Memory Usage	28%

License

Options

xpanel-keys	
xpanel-touch	
xpanel-streamdeck	
xpanel-hids	
disklink-top	

Identify

Refresh

ETHERNET

WIFI

IP Configuration

DHCP

Do not use for Internet Access

Save

WiFi Settings

Disable Wifi

Wifi Client

Access Point

Search

Add Manually

RawPanel Mode

Enable

What is Raw Panel Mode?

To connect this panel to another reactor it needs to be set to rawpanel mode. When RawPanel mode is enabled the local reactor will not be able to connect to the panel anymore

Authentication

Enable

Enable username and password for the webinterface

Save

Logs

all

2025-07-01, 09:10:24 core-bmd-videohub error dial tcp 192.168.10.61:9990: connect: no route to host module=main

2025-07-01, 09:10:24 core-protocol-vision warning Command timed out for BusID 1 with timeout duration: 2s file=process-go668 ip=192.168.10.85 module=main

2025-07-01, 09:10:24 core-protocol-vision warning Command timed out for BusID 1 with timeout duration: 2s file=process-go668 ip=192.168.10.146 module=main

2025-07-01, 09:10:25 reactor info Stopping old panelcollection module=manager

2025-07-01, 09:10:25 reactor error on binary panel read: EOF module=panels

2025-07-01, 09:10:25 reactor info Loading new panel collection SonyFX3/latest module=manager

2025-07-01, 09:10:25 reactor info Trying to connect to panel on host... module=panels

2025-07-01, 09:10:25 reactor info Stopping old devicecollection module=manager

2025-07-01, 09:10:25 reactor info Initializing panel on host module=panels

2025-07-01, 09:10:25 reactor error on parsing default calibration profile: invalid character ']' looking for beginning of value module=panels

2025-07-01, 09:10:25 libcam-hardware info RawPanel client disconnected

2025-07-01, 09:10:25 libcam-hardware info New usb socket client connected

2025-07-01, 09:10:25 libcam-hardware info New RawPanel client connected

2025-07-01, 09:10:25 libcam-hardware info Using file base/topology.json

2025-07-01, 09:10:25 libcam-hardware info Using file base/topology.svg

2025-07-01, 09:10:25 libcam-hardware info Sending Calibration Profile

2025-07-01, 09:10:26 reactor info Loading new device collection SonyFX3/latest module=manager

2025-07-01, 09:10:26 reactor info Stopping old mode module=manager

2025-07-01, 09:10:26 reactor info Stop periodic saving of presets. module=presets

2025-07-01, 09:10:28 reactor info Fully connected to panel on host module=panels

Download Logs

Remote Support

Enable

Support Mode enables full access to controller and web interface for the SKAARHOJ support team. Please also let the support team know your username and password for the webinterface or disable it here. Remember to turn off Support Mode when done.

USB-A

Enable

What is USB-A Port Setting?

If you would like to use the USB-A port OR the MicroUSB port on the back. Per default you can use the MicroUSB port with the SKAARHOJ Firmwareupdater to change IP config and other settings. If you like to use the USB-A port (eg with a FrameGrabber) you need to enable this setting to allow data transfer. This will temporarily disable the ability to use the MicroUSB with the firmwareupdater.

Date and Time

Current Time: 2025-07-01 09:14:37

Current Zone: Europe/Copenhagen

Cloud

Status: Register

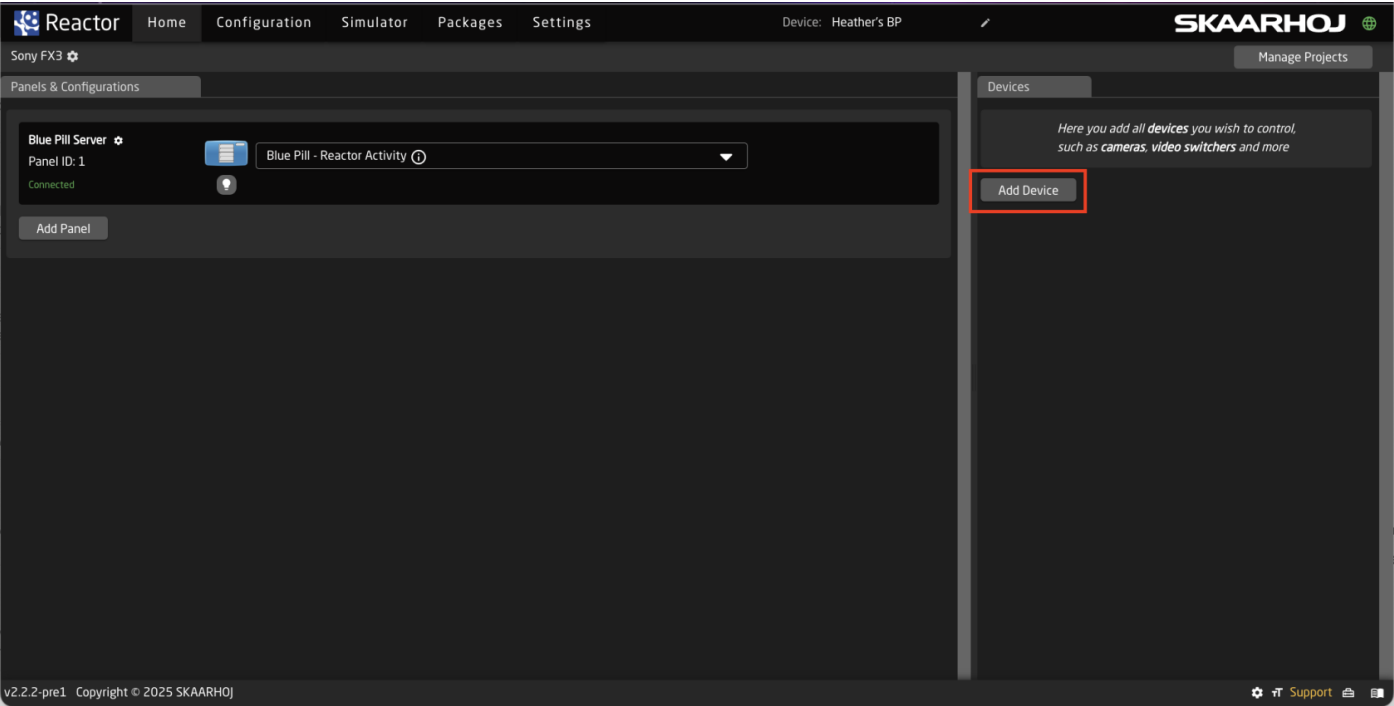
What is Cloud?

Cloud services is currently in development state, currently unavailable

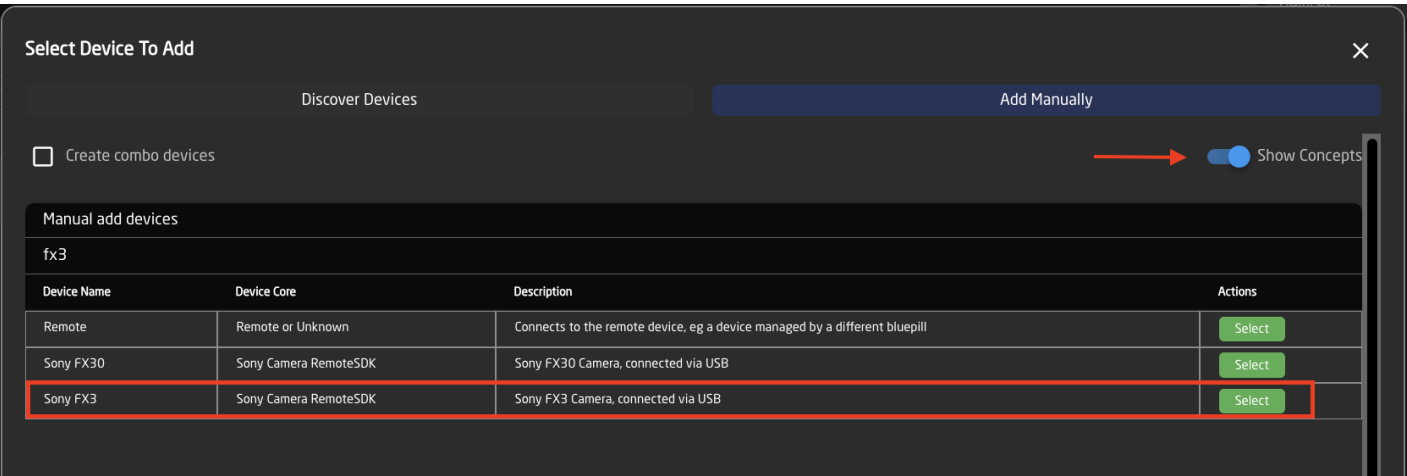
System Manager: v1.0.8 Copyright © 2025 SKAARHOJ

Support


On the Home Page, add the Sony FX3.



Please note, the Sony FX3 needs to be added manually and can not be auto discovered. It may also be necessary to enable Show Concepts.



There should be no additional information needed in the device details, simply press save.



Unknown  
Development status: beta

Parameter List

Core Logs

Core Settings

### Sony FX3

Sony FX3 Camera, connected via USB

Configure your device settings here

Active ☒

Port

Name

Device Serial   
Use this to connect to multiple usb cameras. Leave blank to find automatically

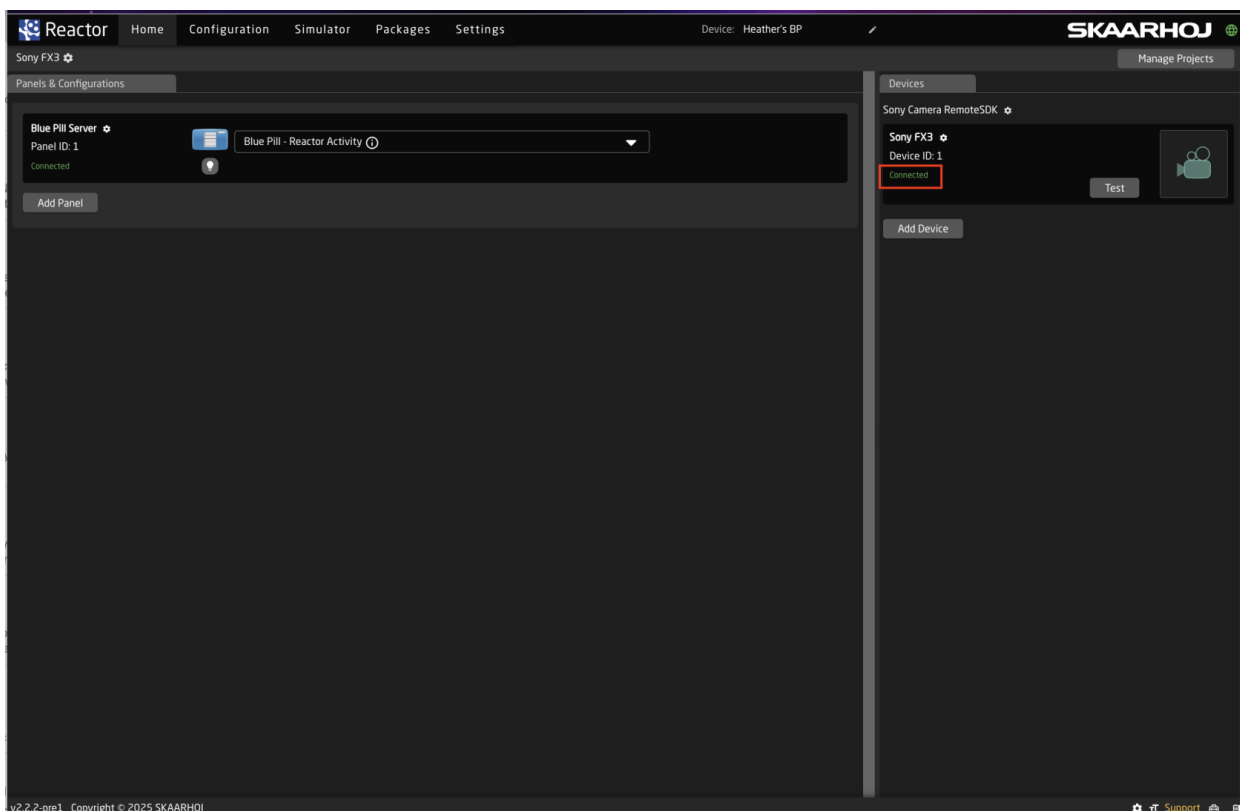
Device Id

Model Id

Description

Delete Save

You should see confirmation of device connection on the home page.



If you do not see confirmation of connection please try rebooting your Skaarhoj panel and check the USB cable is properly connected.

## Control

Once connection has been established, it is possible to control the Sony FX3 from any Skaarhoj panel connected through the same Blue Pill device.

If control is to be established from a Skaarhoj panel that is not set up in the same user interface, please see instructions for [Sharing Device Cores Across Different Blue Pill Devices](#).

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Revision #2

Created 1 July 2025 07:09:29 by Heather Pedersen

Updated 1 July 2025 08:22:08 by Heather Pedersen