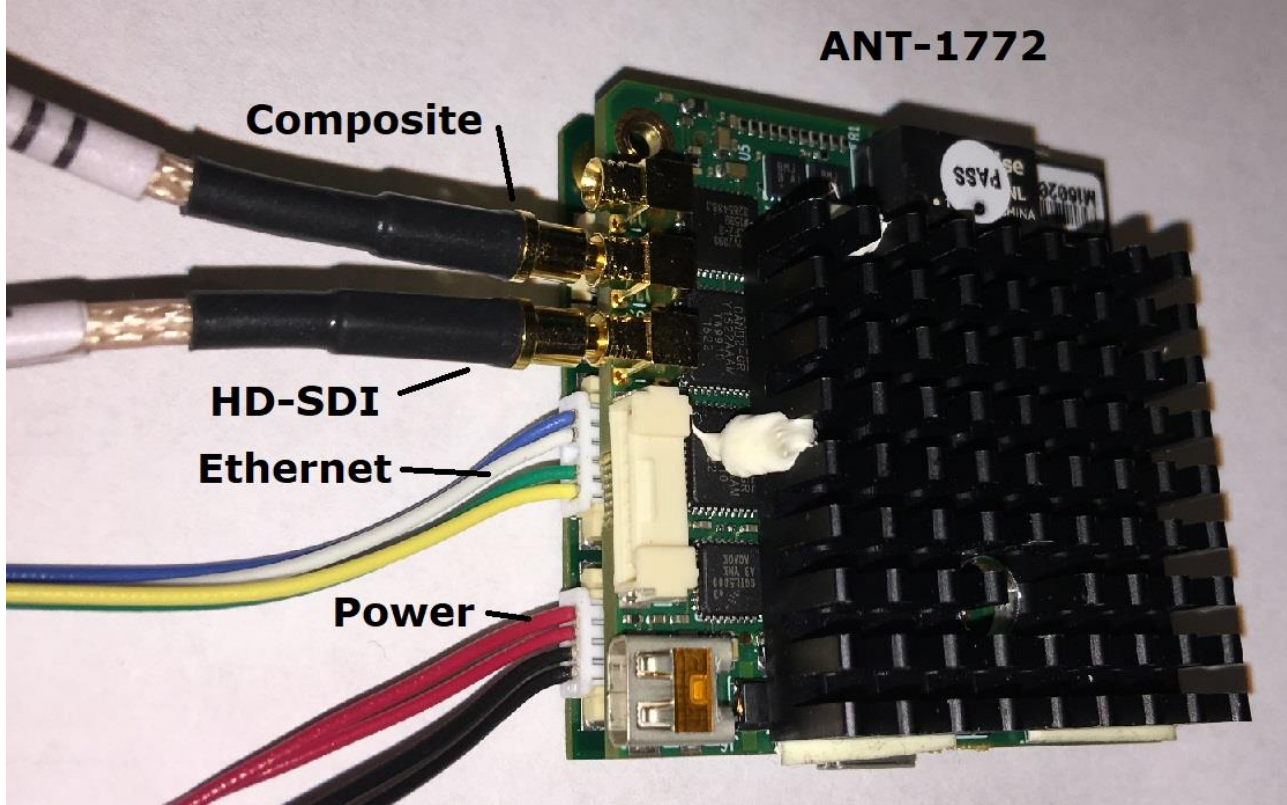


ANT-1772 setup with HD-SDI and Composite inputs

The image shows connections on the Ant-1772 for the Video feeds, ethernet connector and power. **NOTE:** the power connector is center positive \ominus — \oplus and is in the range 5-30V DC



The URLs to use with VLC are:

For the HD-SDI : `rtsp://192.168.0.30:554/mux1.sdp`

For the composite video : `rtsp://192.168.0.30:554/mux2.sdp`

The IP address, in the above URLs, is that of the ANT-1772, so if the control address of the ANT-1772 is changed the decoder URLs will need to change.

To setup:

On the web GUI



Home → Setting → System

Config Number: **CFG 1**

Operation State: **Operational**

USB to Disk: **Disable**

Camera CSI1: **hdspi** ← For CSI1 selected hdspi

Camera CSI2: **tw9910** ← For CSI2 select tw9910 or tvp5158

[Setup Generic Camera](#)

[Setup Analog Camera](#)

[Camera Ext Setup](#)

[Control UART](#)

[Network](#)

[Cellular Network](#)

[Time and Date](#)

[RTSP Server](#)

Mode: **On** ← Select "On" for RTSP

Port:

[Display Drivers](#)

[Emergency Boot](#)


[FPGA](#)

[Record Auto Delete](#)

Onvif: **Off**

Application: **None**

← Save when finished

Select  and this shows the camera details,

note the Camera "Name" in this case SD2 and HD1


Camera






Name	Status	Resolution	Interlaced	FPS	
SD1	Not Exist	Unknown	Unknown	0	
SD2	Lock	PAL	Interlaced	25	← Composite camera - SD2
SD3	Not Exist	Unknown	Unknown	0	
SD4	Not Exist	Unknown	Unknown	0	
HD1	Lock	1920x1080	Noninterlaced	30	← HD-SDI camera - HD1
HD2	Not Exist	Unknown	Unknown	0	
SD5	Not Exist	Unknown	Unknown	0	
SD6	Not Exist	Unknown	Unknown	0	
SD7	Not Exist	Unknown	Unknown	0	
SD8	Not Exist	Unknown	Unknown	0	






Set up streaming













Home → Streaming

From the streaming page select the  for Mux1

Mux1      Unicast/TS/192.168.0.1/1235

Mux2      Unicast/TS/192.168.0.1/1236

Mux3      Unicast/TS/192.168.0.1/1237

Mux4      Unicast/TS/192.168.0.1/1238

From the Mux 1 settings

Mux: **Mux1**

Auto Operation:

Stream Record Display

Video: **None**

None

SD1

SD2

SD3

SD4

HD1

HD2

SD5

SD6

SD7

SD8

Test

From the Video drop down menu select SD2 or HD1. For example, in Mux1 select HD1 and in Mux2 select SD2, so Mux1 will be the HD-SDI and Mux2 will be the composite.

Audio: **None**

Data: **None**

Display: **None**

Interface: **Network**

Protocol: **TS**

Private

TS

RTP

RTSP

Split

Row BMP

From the Protocol drop down select RTSP (for this example)

IP Address:

192 . 168 . 0 . 1

Network Port: 1235

UART Port: ttyMXC0

Save

Click save once done

To alter the bitrate of the video (optional)



Home → Setting → Mux Setup

Select the Mux required, in this example Mux1 and Mux2 are being used

Mux: **Mux1**

Mux1

Mux2

Mux3

Mux4

From the "mux:" dropdown select the require Mux to alter parameters.
In this example Mux1

[Record](#)

[Frame Rate](#)

[Encoding](#)

Click the Encoding to open the additional dialogue

Encode Mode: **CBR**

GOP:

QL Value:

Bitrate:

IQ: **Auto**

IQ Value:

In the bitrate input numbers like 5000 for HD-SDI and 2000 for composite. If better quality is required higher number can be used.

Again, click save when all is done.