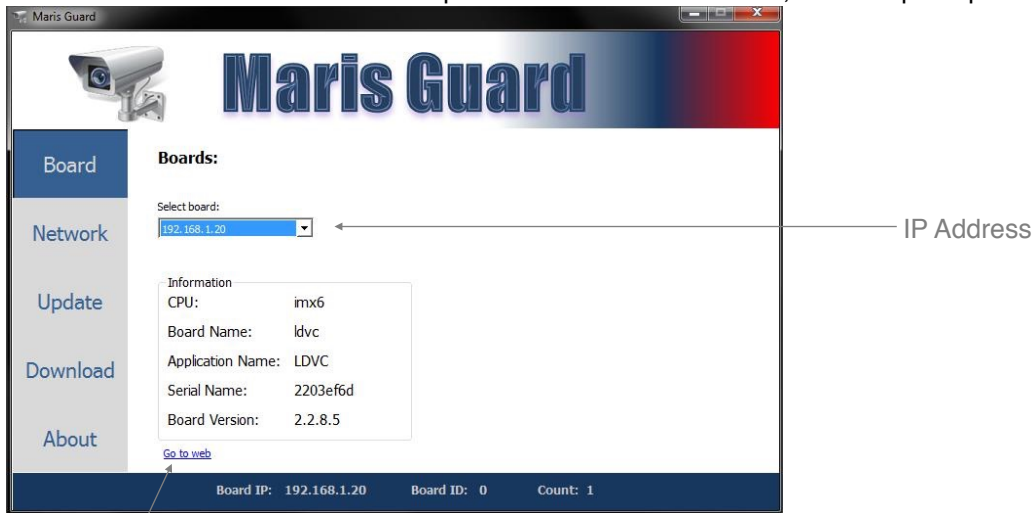




ANT-1771/2 MPEG-TS Streaming Setup Guide

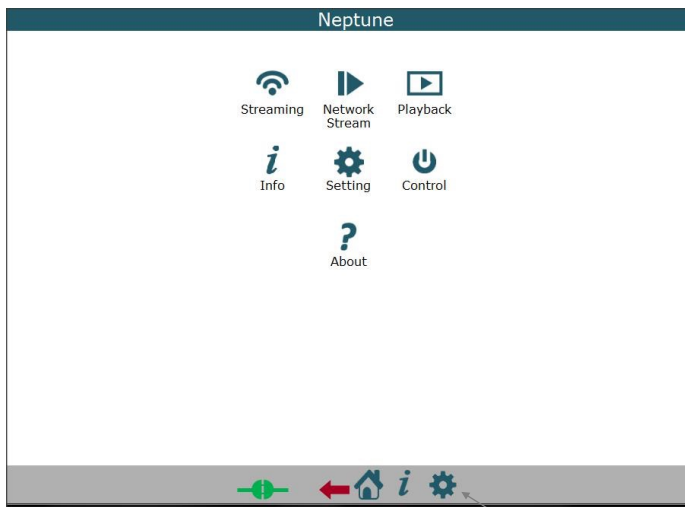
Encoder to VLC or Maris Player

- Use Maris Guard to search for the ip address of the ANT-1771/2, then to open up the web GUI setup page.



Web GUI setup

- Enter Settings > System to set up Camera CSI1 and CSI2 (pal ntsc - tw9910)

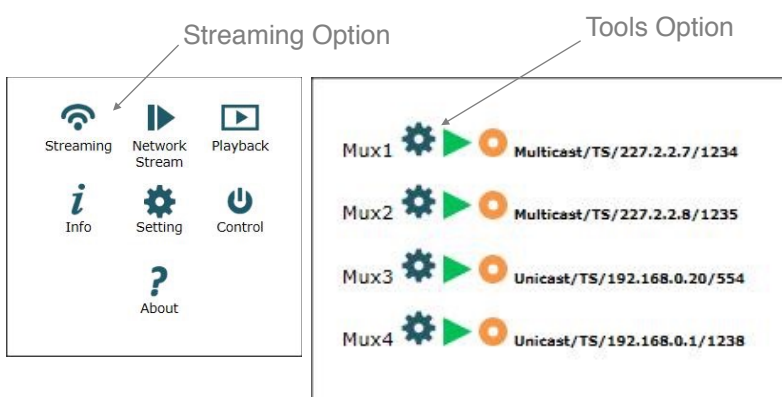


Settings



camera CSI2: tw9910

- Enter Streaming, then click the tools option for Mux1



- Select **Video** and pick the correct channel: HD1 - For HD-SDI (or which ever hardware port you're plugged into)
SD2 - For composite video (or which ever hardware port you're plugged into)

Mux: **Mux1**
 Auto: **Off**
 Video: **HD Channel1** ← Video Channel
 Audio: **None**
 Data: **None**
 Interface: **Network**
 Protocol: **TS**
 IP Address: 227 . 2 . 2 . 7 ← IP Address
 Network Port: 1234 ← Network Port
 UART Port: ttyMXC0
Set All

- Select **Protocol** to TS, **IP Address** - 227.2.2.7 and **Network Port** 1234
- **Set All** - To confirm changes

- In the main menu click Info, this shows you the link status of any connected camera's

Camera				
Name	Status	Resolution	Interlaced	FPS
SD1	Not Exist	Unknown	Unknown	0
SD2	Not Exist	Unknown	Unknown	0
SD3	Not Exist	Unknown	Unknown	0
SD4	Not Exist	Unknown	Unknown	0
HD1	Not Exist	Unknown	Unknown	0
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

Camera				
Name	Status	Resolution	Interlaced	FPS
SD1	Not Exist	Unknown	Unknown	0
SD2	Not Exist	Unknown	Unknown	0
SD3	Not Exist	Unknown	Unknown	0
SD4	Not Exist	Unknown	Unknown	0
HD1	Lock	1920X1080	Noninterlaced	30
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

Camera Lock

- Click the Green triangle, it will become a red square if the settings are correct to start Mux1 streaming MPEG-TS

Mux1 **Multicast/TS/227.2.2.7/1234** ← Red square shows Mux1 is on
 Mux2 **Multicast/TS/227.2.2.8/1235**
 Mux3 **Unicast/TS/192.168.0.20/554**
 Mux4 **Unicast/TS/192.168.0.1/1238**



Micro-HDMI out configuration

- On **Settings > System** select **Display Drivers** as shown in below configuration, then **Set-All** and then **Reboot**.

System

Config Number: CFG 1

Operation State: Operational

Camera CSI1: hdsdi

Camera CSI2: None

[Setup Generic Camera](#)

[Setup Analog Camera](#)

[Setup External Sync](#)

[UART](#)

[Network](#)

[Time and Date](#)

[RTSP Server](#)

[Display Drivers](#)

Frame Buffer 0: **hdmi1** ←

Frame Buffer 1: None
After setting display drivers - reboot the system:

- On **Settings > Display** select **Setup FB Params** as shown below and adjust settings then **Set-All**.

Display

[Setup FB Params](#)

Frame Buffer: fb0

Modes: **U:1280x720p-60** ←



- On **Streaming/Mux** after defining the Mux streaming parameters, select **Display (0)** as shown below.

Streaming

Mux: **Mux1**

Auto: **Off**

Video: **HD Channel1**

Audio: **None**

Data: **None**

Display: **0** ←

None

0

1

2

3

4

5

6

7

8

Interface: **Network**

Protocol: **TS**

IP Address:

192 . 168 . 0 . 115

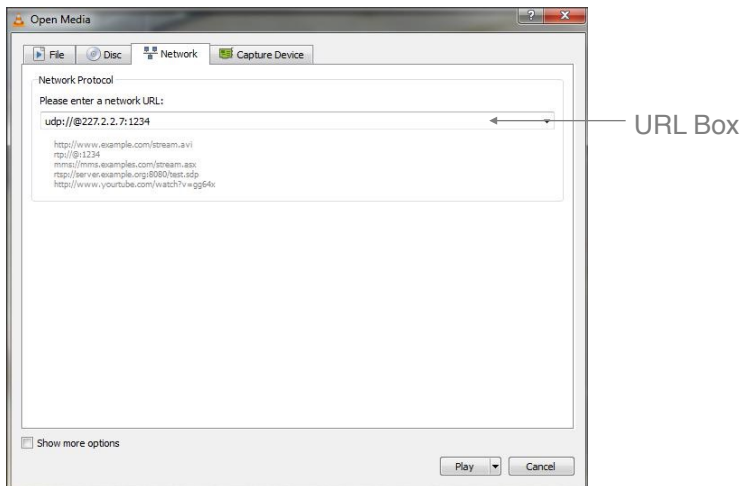
Network Port: 1235

UART Port: ttyMXC0

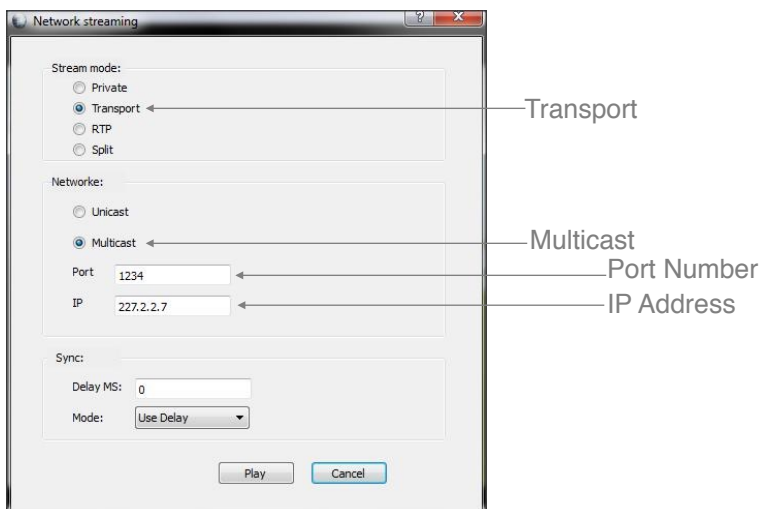
- You can now start streaming, you should get the TS on Neptune Player and the video on the HDMI display.



Optional • Open VLC player > Open Media > Open Network > Enter URL `udp://227.2.2.7:1234` > then click Play



Optional • Open Maris Player > Media > Network Streaming. **Enable:** Transport, Multicast, Port, IP Address > Play



Additional support available at support@antrica.com

Office: +44 1628 626098

Antrica

8 Hasting Close

Bray

Berks,

SL62DA,

UK