UART configuration

System

Config Number: **CFG 1**

Operation State: **Operational**

Camera CSI1: **None**

Camera CSI2: **None**

Setup Generic Camera

Setup Analog Camera

Setup External Sync

UART ◄ **Not for serial 2 way data configuration**
Settings to configure serial 2 way data, can be found Under
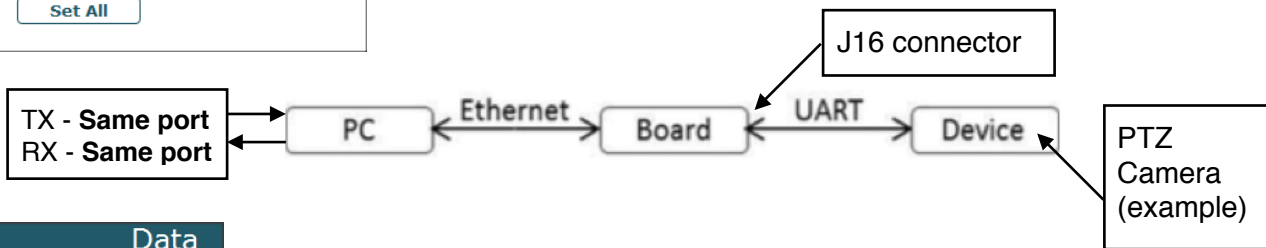Settings > Data > UART.

Network

Time and Date

RTSP Server

Display Drivers

Frame Buffer 0: **tvout1**

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

[**Reboot**]

[**Set All**]

J16 connector

TX - **Same port**
RX - **Same port** → PC ← Ethernet → Board → UART → Device

PTZ Camera (example)

Data

Data Source ◄——— Used for meta data

GPIO ◄——— General purpose IO

UART ◄——— Serial 2-way data configuration

[Set All]

Data

Data Source

GPIO

UART

UART: **ttymxc0**
IP Address:
[192] . [168] . [0] . [24]

1. Use **0.0.0.0** - If the pc is initiating the serial 2 way data.
2. The IP Address of the PC, If the device is initiating the serial 2 way data, so the board knows where to send the data.

Port: [1239] ◄——— The **same port** is used all around.

Delay(ms): [10]

Baud Rate: **9600** ◄——— The **Baud Rate** needs to be matched either end

Parity: **None**

size: **8 bit**

Flow Control: **None**

State: **On**

[**Set All**]