

# Device: AJA RovoCam



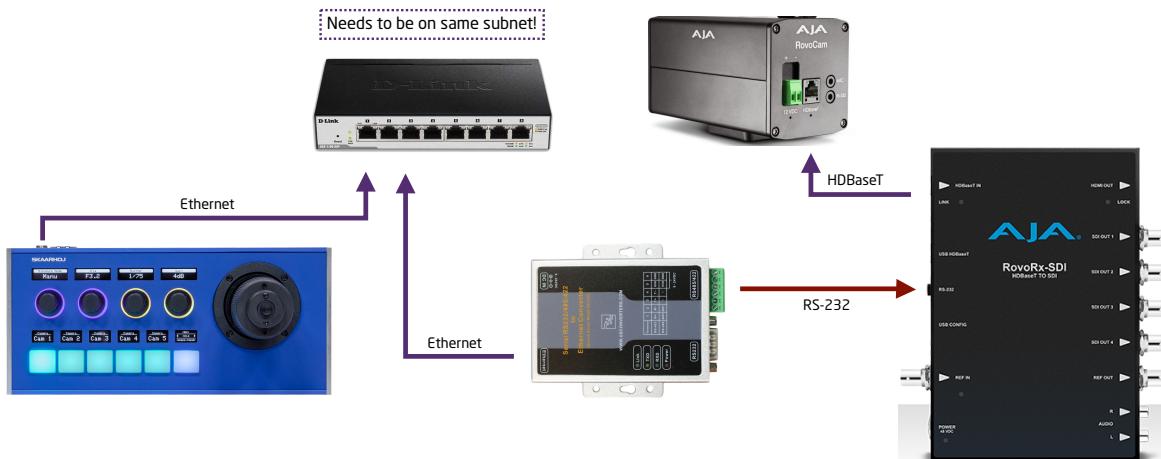
## Introduction

The AJA RovoCam can be controlled through RS-232 by using a Ethernet to Serial connection via the RovoRx-xxx

A example is presented here: [https://www.youtube.com/watch?v=\\_7k3AhC4Bv8](https://www.youtube.com/watch?v=_7k3AhC4Bv8)

## Ethernet to Serial connection

To communicate via serial (RS-232) to the AJA RovoCam you need an Ethernet-Serial converter. We suggest you get a XS1200 from US Converters - <http://www.usconverters.com/serial-rs232-device-server>



There is a quirk you should know about: The XS1200 only accepts a single TCP connection at a time and it will take some time to realise if a client disconnected silently before it allows a new connection. In essence this means if the SKAARHOJ controller was connected and is rebooted without disconnecting, the XS1200 Server may not realise this before after some time. Therefore you may need to powercycle it along with the SKAARHOJ controller to make sure it will accept a connection.

Below you will find screenshots of how to configure the XS1200 converter (found of the web interface of the XS1200).

SERIAL TO ETHERNET CONVERTER P/N: XS1200 WWW.USCONVERTERS.COM  
Ver:3.6.1(18/08) Logout

**Basic**   **Advance**   **Security**

**Serial Settings**

Device Name	DSM1
Data Baud Rate	9600
Data Bits	8
Data Parity	None
Stop Bits	1
Flow Control	None
Serial Type	RS232

**Network Settings**

DHCP Client	Disable	
Static IP Address	192.168.10.32	
Static Subnet Mask	255.255.255.0	
Static Default Gateway	192.168.10.1	
Static DNS Server	168.95.1.1	
Connection Type	TCP	
Transmit Timer	100	Please enter an integer between 10~65535 ms
Server/Client Mode	Server	
Server Listening Port	5000	Please enter an integer between 1~65535
Client Destination Host Name/IP	192.168.2.2	Please enter host name or IP address
Client Destination Port	5000	Please enter an integer between 1~65535

Buttons: Apply, Cancel, Reboot, Restore default

Make sure to set up an IP address in your range here. This is the IP address you must also set up inside the SKAARHOJ controller for the Device Core! Here it is set to 192.168.10.32 and corresponding subnet mask.