

# Instruction Manual Streaming Video

St Mark's UMC

Rev: 1

These instructions will direct the user in setting up the equipment for basic operation. For detailed information on user operations consult the manufacturer's documentation.

This manual assumes that a PC is being used. If a MAC is being used the behavior may be different. Consult Black Magic website for additional information. All device address will remain the same regardless of computer format.

**Please note that all the video resolution of all devices must be 1920x1080p – 59.94. There is no scaler in the ATEM system and the system will not show video from any device not set to the above resolution.**

All devices are connected to the same network. The respective address are below and will be needed for upgrades and device maintenance: <sup>9</sup>Note: These addresses should be included in a reserved address block on the DHCP server for this network to avoid potential conflicts in the even one or more of the devices are powered off.)

Hikvision camera	192.168.1.230
Magewell 26x to HDMI Converter (1)	192.168.1.228
ATEM TV Production HD switcher	192.168.1.229
Boxcaster	DHCP

To access the respective devices use the following methods unless otherwise instructed for troubleshooting purposes.

Magewell 26x to HDMI Converter:

In the event that the camera signal is not appearing on the Black Magic ATEM switcher:

1. Using a computer that is on the same network, open a browser and then type 192.168.1.228 in the address field.
2. The GUI of the device will open and ask for a login & password. The default is Admin – Admin. You will be instructed to change the password. It is a good idea to leave the password as the default, click on cancel.
3. Once in the GUI screen select the "Source" tab at the top right.
4. In the source screen you will see a section called "Source Presets". Locate "Hikvision....."
5. On the right side of that line you will see Edit|Delete|Select. Click on "Select" to activate the camera.
6. Check to see if the camera image is showing up on the ATEM switcher.

Black Magic ATEM Switcher

To use the computer to operate the switcher you must:

1. Download and install the Black Magic Design ATEM control Software to your computer.
2. After installation locate the software in the APPS section of the computer and start the software.
3. If the software can't find the switcher, locate and run the ATEM setup software.
4. Make sure the computer is looking for the switcher on the address 192.168.1.229. If not modify setup to look to that address, save and then restart the control software.



To use the Boxcast encoder:

Log into the online Boxcast Dashboard and complete requested information.



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