

Synamedia MEG setup – HSN

HSN1 SD MP4 SDI Out

Task- Configuring Synamedia MEG IRDs

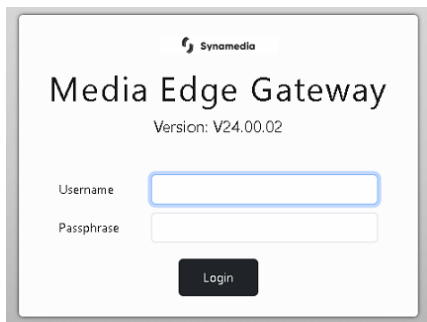
Condition- Video Decoding HSN1 SD from MP4 - SDI OUT

Standard- How to configure a Synamedia MEG IRD for Video Decoding

Action Items:

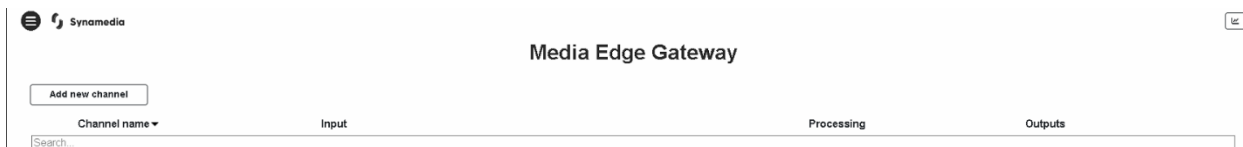
- Video Decoding HD MP4
 - Begin by **Browsing to IP** of MEG IRD (Default ip - 192.168.2.20)
 - **Enter UN & PW** (see figure 1) (UN: Admin ; PW: Password)

figure 1 - Login



- Click on **Add New Channel** (see figure 2)

figure 2 – Add Channel



- Choose which option you would like to do
 - Select **Video Decoding** for SDI setup (see figure 3)

figure 3 – Video Decoding

What would you like to do?

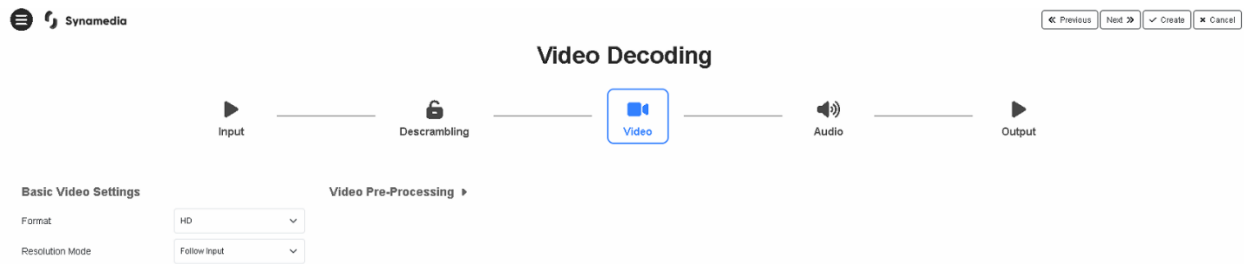
| |
|------------------|
| Linear Transcode |
| Linear Encode |
| ABR Transcode |
| ABR Encode |
| Video Decoding |
| Service Routing |

- Video Decoding – SDI Out
 - Enter a **Channel Name (HSN1 SD MP4 SDI Out)**
 - Select **Use Existing Input**
 - **Input Selection - DVB-S2:DVBS2 1 (4.08GHz)**
- Select which **Video Decoding** you would like to transcode by choosing the service in the **Dropdown Menu - (20) for HSN1 HD** (see figure 4)

figure 4 – Configure Video Decoding

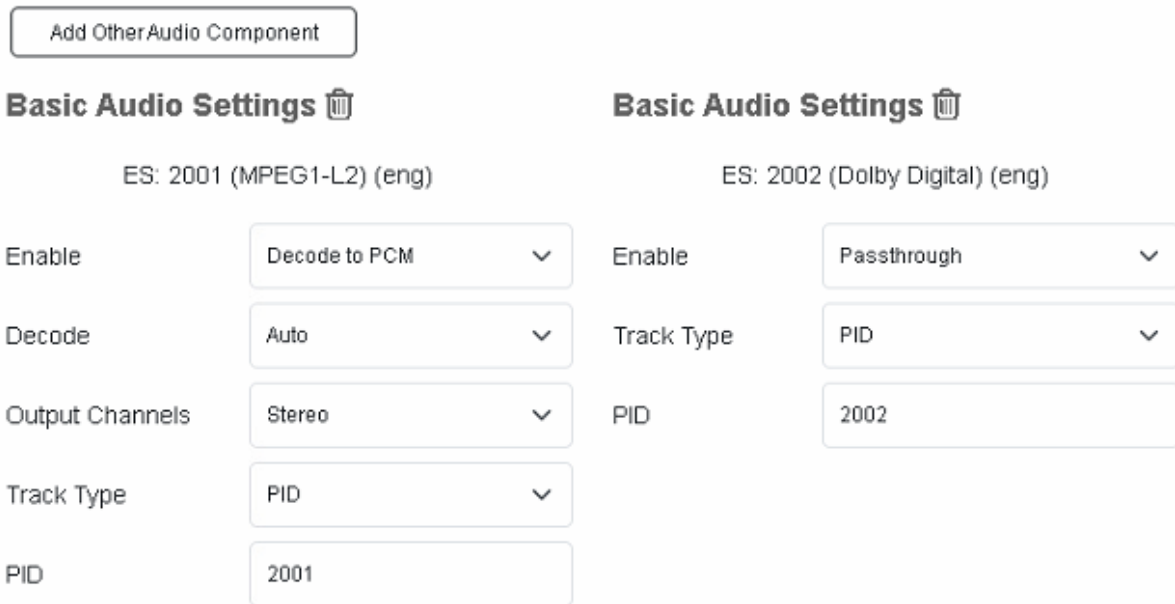
- **Descrambling - Disabled**
- Click on **Video** tab next
 - Configure **Basic Video Settings**
 - Select the **Format** you would like to Decode to
 - Change to **SD**
 - Select which **Resolution Mode** you would like to use
 - For **SD** services, select **Manual**
 - Leave defaults values for the remainder of settings (see figure 5)

- *figure 5 – Choose Format and Codec*



- Click on **Audio** tab next
 - Click on **Add ES: 2001 (MPEG1-L2) (eng)**
 - Select **Decode to PCM** for MPEG1-L2 audio (*see figure 6*)
 - Leave defaults values for the remainder of settings
 - Click on **Add ES: 2002 (Dolby Digital) (eng)** for Dolby Digital Audio
 - Select **Dolby Digital** in the **Encode** dropdown
 - Select **Passthrough** for Dolby Digital audio (*see figure 6*)
 - Leave defaults values for the remainder of settings

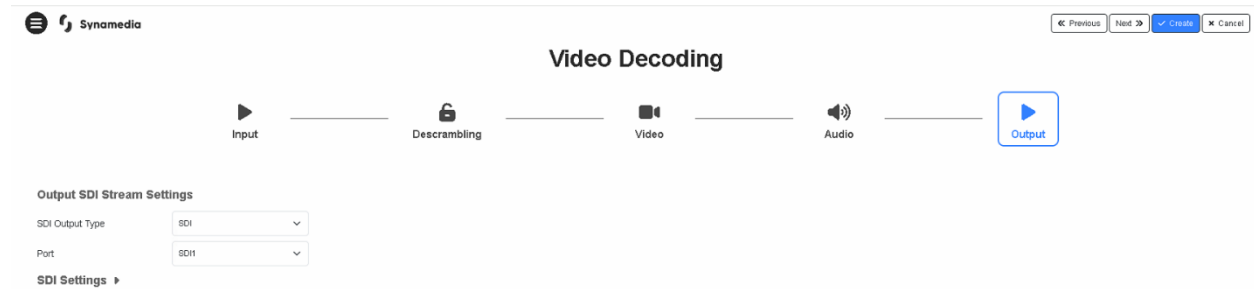
Figure 6 – Configure Audio Settings



- Click on **Output** next
 - Select **Type**
 - Select **SDI**
 - Select which **SDI port** you would like to use (SDI-1)
 - Leave remaining fields as default values

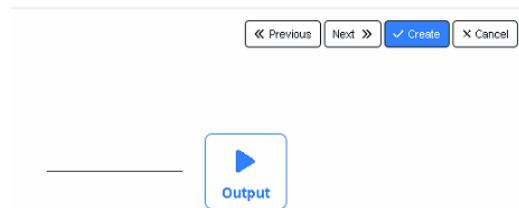
- Tick **Service ID** box
 - Enter **Service ID – 20** (see figure 8)

Figure 8 – Configure Output



- Click on **Create** in upper right corner (see figure 9)

Figure 9 – Create and Finish



- You should see a popup box that says “Channel activated successfully”
- Setup complete – There should now be 1 channel with a green check mark (see figure 10)

Figure 10 – Channel Created



*Advanced View configurations are beyond the scope of this document.