

## Synamedia MEG setup – HSN

### HSN1 HD MP4 SDI Out

**Task-** Configuring Synamedia MEG IRDs

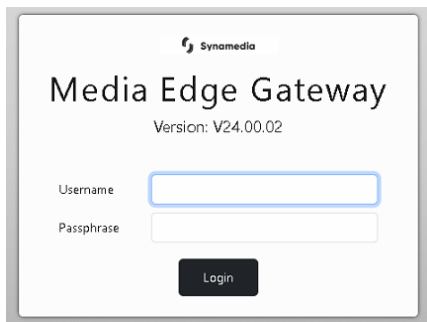
**Condition-** Video Decoding HSN1 HD from MP4 - SDI OUT

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

**Action Items:**

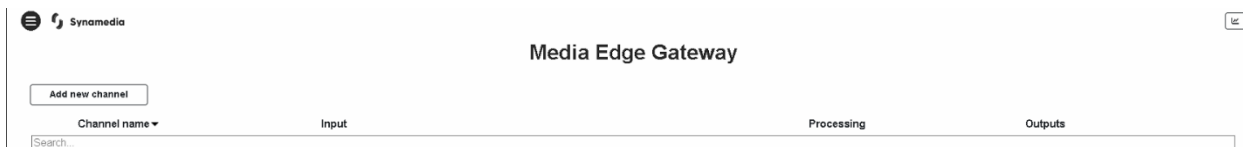
- Video Decoding HD MP4
  - Begin by **Browsing to IP** of MEG IRD (Default ip - 192.168.2.20)
    - **Enter UN & PW** (see figure 1) (UN: Admin ; PW: Password)

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)

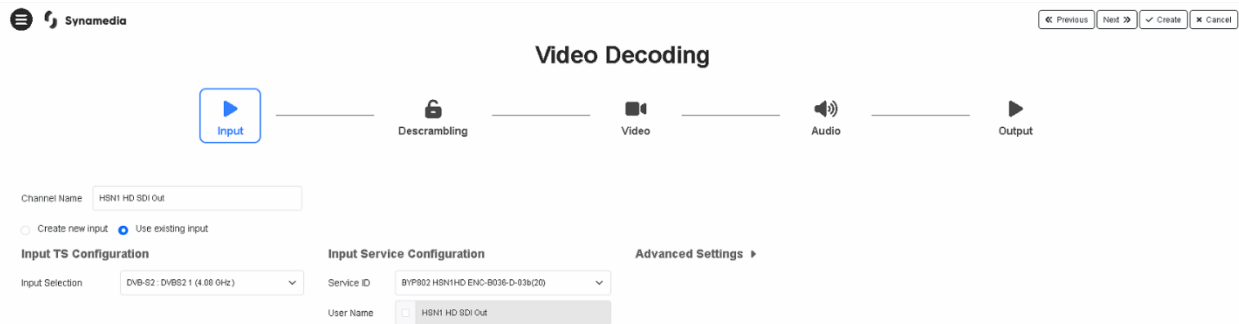
figure 3 – Video Decoding

## What would you like to do?

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

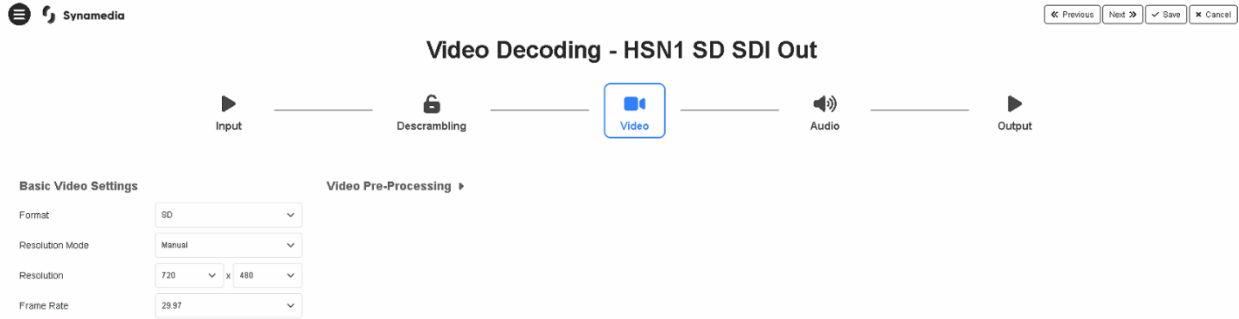
- Video Decoding – SDI Out
  - Enter a **Channel Name (HSN1 HD MP4 SDI Out)**
  - Select **Use Existing Input**
  - **Input Selection - DVB-S2:DVBS2 1 (4.08GHz)**
- Select which **Video Decoding** you would like to transcode by choosing the service in the **Dropdown Menu - (20) for HSN1 HD** (see figure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

figure 4 – Configure Video Decoding



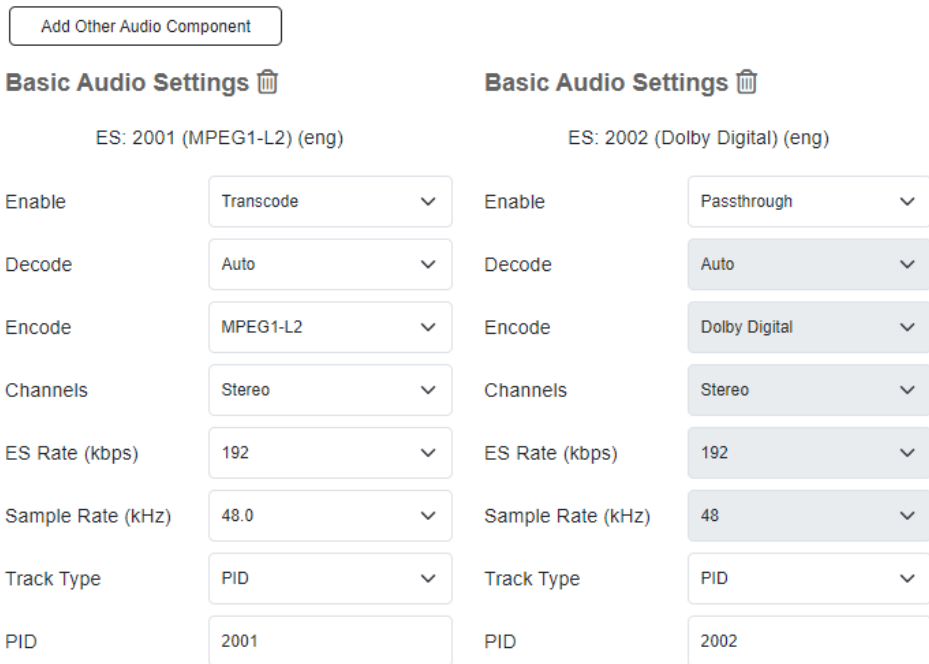
- **Descrambling - Disabled**
- Click on **Video** tab next
  - Configure **Basic Video Settings**
  - Select the **Format** you would like to Decode to
    - Leave as **HD**
  - Select **Codec** you would like to Transcode to
    - Select H.264
  - Select which **Resolution Mode** you would like to use
    - For HD services, select **Follow Input**
    - 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: 2101 (MPEG1-L2) (eng)**
    - Enable - Select **Decode to PCM** for MPEG1-L2 audio (see figure 6)
    - Leave defaults values for the remainder of settings
  - Click on **Add ES: 2101 (Dolby Digital) (eng)** for Dolby Digital Audio
    - Select **Dolby Digital** in the **Encode** dropdown
    - Enable - Select **Passthrough** for Dolby Digital audio (see figure 6)
    - Leave defaults values for the remainder of settings

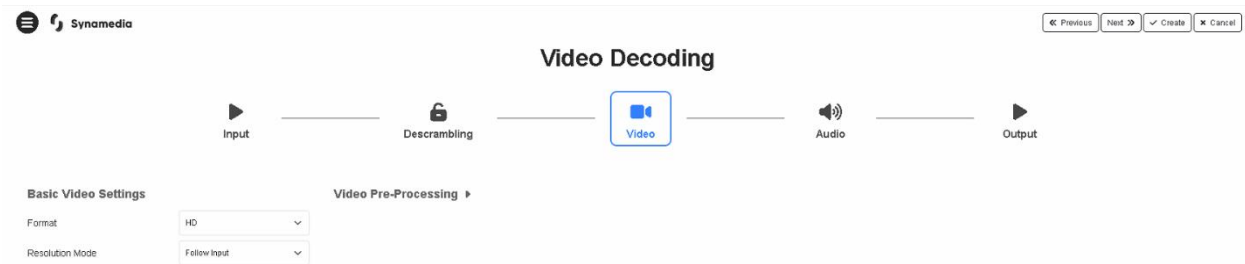
Figure 6 – Configure Audio Settings



- Click on **Output** next

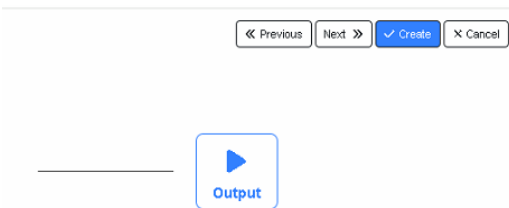
- Select **Type**
  - Select **SDI**
    - Select which **SDI port** you would like to use (SDI-1)
    - Leave remaining fields as default values
- Tick **Service ID** box
  - Enter **Service ID – 20** (see figure 8)

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.