

April 7, 2025

Synamedia MEG IRD - How To Turn LNB Voltage

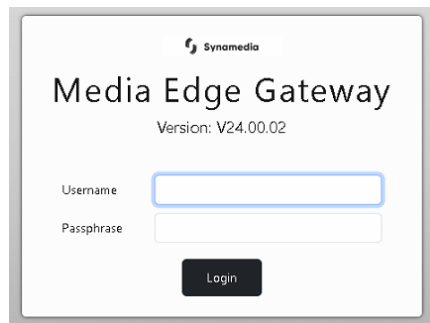
Task- Configuring MEG IRD

Condition- Turning DC Voltage on to power LNB

Standard- How to activate IRD DC Voltage for MEG IRD

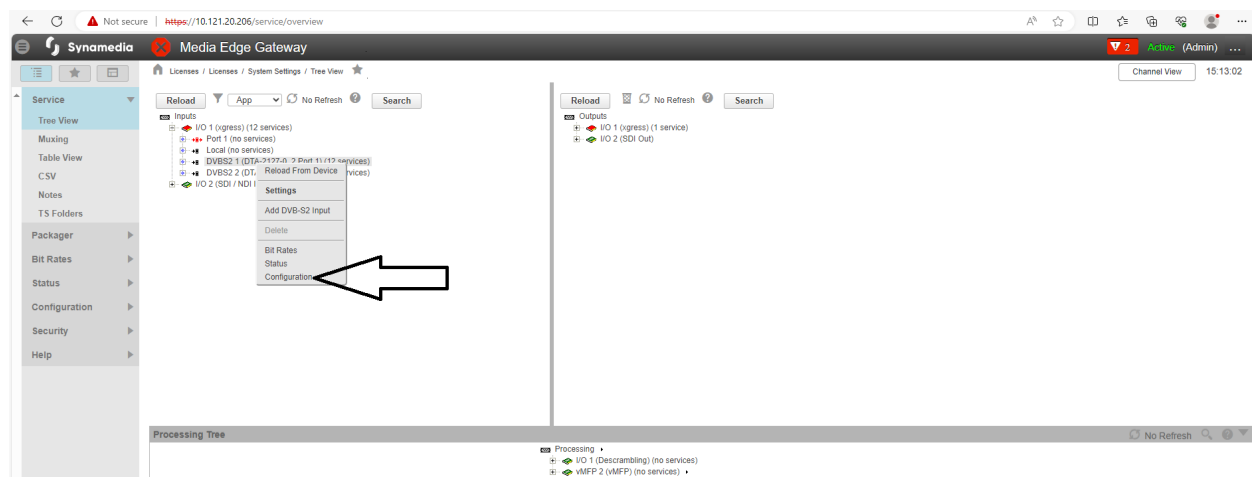
- Begin by **Browsing to IP** of MEG IRD (Default ip - 192.168.2.20)
 - **Enter UN & PW** (see figure 1) (UN: Admin ; PW: Password)

Figure-1



- Navigate to Advanced View by clicking 3 lines in upper left corner
 - Expand I/O on the left (input) section
 - You should now see DVBS2 1
 - Right Click on DVBS2 1
 - Click on configuration (see figure-2)

Figure-2



April 7, 2025

- You should now see the PCI card configuration
- Scroll to the bottom of the page and locate DVB-S2 Port Setting
 - Next, click the dropdown under LNB Settings / Polarization (see figure-3)
 - Choose Horizontal
 - Navigate back to the top of the page and hit Apply
- LNB Voltage is now active

Figure-3

The screenshot shows the Synamedia Media Edge Gateway configuration interface. The left sidebar contains a navigation menu with options: Service, Packager, Bit Rates, Status, Configuration, Node, I/O 1, Interface, PCI Cards, PowerVu Modules, BISS, Alarms, IGMP, Default Settings, vMFP 2, Security, and Help. The main content area is titled 'Media Edge Gateway' and shows the 'Input Port TS Settings / Tree View / PCI Cards' configuration. The 'PCI Cards' table lists the following information:

Card Name	Type	Subtype	PCI Bus	PCI Slot	Serial Number
DTA-2127-0_2	DTA-2127	0	10	0	2127001017

Below the table, there are several warning messages and configuration sections. The 'SDI Card Settings' section shows the following information:

Card Name	Mode	Quad Link Format	Output Clock Source
DTA-2127-0_2	Native	Quadrant	None

The 'Port Settings' section shows the following information:

Card Name	Port	Port Name	Enable	Status	Physical Type	I/O	ASI Packet Format	Mirror of Port	Audio Only Video-Carrier Format
DTA-2127-0_2	5	ASI_P1	On	Active	ASI	Output	188 Bytes	None	480i@29.97

The 'HDMI Port Settings' section shows the following information:

Port Name	Enable	Status
HDMI-1	On	Active

The 'DVB-S2 Port Settings' section shows the following information:

Card Name	Port	Port Name	Enable	Physical Port Type	I/O	LO Low Frequency (GHz)	LNB Settings
DTA-2127-0_2	1	DVBS2 1	<input checked="" type="checkbox"/>	DVB-S2	Input	5.150	Horizontal
DTA-2127-0_2	2	DVBS2 2	<input checked="" type="checkbox"/>	DVB-S2	Input	5.150	Off

An arrow points to the 'Horizontal' dropdown menu in the 'LNB Settings' column. Another arrow points to the 'Apply' button at the top of the configuration area.