

Quick configuration Guide for H-ASI-IP-B (V3)

Login instructions:

In order to log in to the NMS port, please set your PC's NIC Ethernet card to the following IP address: 192.168.0.100.

Access Modulator GUI by typing derail IP address 192.168.0.136 in to the browser
Login /password – admin/admin

The Device has 3 Different inputs: RF , IP and DVB-ASI

The unit has several outputs: SDI / HDMI CVBS /ASI / IP (UDP Unicast multicast)

Inputs:

It can take in different types of signals:

RF

IP UDP Multicast / Unicast:

DVB-ASI:

Outputs:

It can send out signals in various ways:

ASI: For distributing MPEG transport streams.

IP: Sending content over computer networks.

Decoder Video: It can provide video in different formats such as SDI, HDMI, YPbPr (component video), and CVBS (composite video).

ASI to IP connection – (Page2)



IP to ASI connection – (Page3)

IP In (UDP mulicast / unicast)



ASI to IP Settings example

Setting

Mux CI Card CAM Menu BISS PID Bypass PCR Adjust

Output Mode: MUX CI Card: None

1: Tuner 1 (prog: 1/43) [0.0/0.0M]

2: ASI 1 (prog: 1/7) [0.0/0.0M]

3: ASI 2 (prog: 1/7) [0.0/0.0M]

4: TV-101 [0.0/0.0M]

5: TV-101 [0.0/0.0M]

6: TV-101 [0.0/0.0M]

Parse program Parse program

Output: 80 seconds

CA Filter

PID Remap

Refresh Input

Refresh Output

CAM-A

CAM-B

BISS

Other

All Input

All Output

Normal Overflow

MPTS Output(Mux) [0.1/80.0M]

CAM-A (prog: 1) [0.0M]

CAM-B (prog: 1) [0.0M]

1: TV-101 <=ASI 1 [4007] [0.0M]

BISS (prog: 0) [0.0M]

Other (prog: 2) [0.1M]

1: TV-101 <=ASI 2 [4007] [0.0M]

2: TV-101 <=IP_224.2.2.2:2222 [4007] [0.0M]

- 1- Click Setting
- 2- Highlight ASI 1
- 3- Parse Program (scanning for TS function) it will discover all individual TS muxed in the ASI 1 input
- 4- Highlight ASI 2
- 5- Parse Program (scanning for TS function) it will discover all individual TS muxed in the ASI 2 input
- 6- Select any Ts program from the ASI 1/2 and click Other – it will move those TS's to the OUPUTS

Output

General

Character Encoding: NORMAL MPTS Output Bitrate: 80 Mbps

SI Output Mode: Packet Mode

IP Output

#	Output Enable	IP Address	Port	Protocol	Null_PKT Filter	Program	Output Bitrate	Status	Bit(Act/Max)
MPTS	☒	224.2.2.2	2001	UDP	☐	TV-101		●	0.1/80.0 M
SPTS-1	☒	224.2.2.2	3002	UDP	☐	H1	20	●	0.2/20.0 M
SPTS-2	☒	224.2.2.2	3003	UDP	☐	TV-101	20	●	0.2/20.0 M
SPTS-3	☒	224.2.2.2	3004	UDP	☐	TV-101	20	●	0.2/20.0 M
SPTS-4	☒	224.2.2.2	3005	UDP	☐	TV-101	20	●	0.2/20.0 M
SPTS-5	☐	224.2.2.2	3010	UDP	☐	NULL	20	●	0.0/20.0 M

- 1- Click Output
- 2- MPTS – Enable or disable (All muxed TS's from the Output list) set any multicast or unicast address
- 3- SMPTS's – Enable or disable, set any multicast or unicast address (individual streams)
- 4- Select individual TS from the Output List

IP to ASI Settings example

- 1- Click Setting
- 2- Select Output Mode MUX - any TS can be selected from In to Outor ASI 1 or ASI 2 all TS's will be pass from IP to ASI
- 3- Click "+" Sign – it will open IP address input page
- 4- Set IP address / Port number, IGMP V2 or V3 for the multicast, streaming input protocol UDP or RTP
- 5- Click "Add"

- 1- In MUX mode - Highlight IP address
- 2 - Parse program (will discover 1 TS or multiple TS's if MPTS input)
- 3 - Select Program – Click Other to move it to the Output