

# H-IRD-V3S2

## Quick Setup Guide

### Step 1: Connect Power



### Step 2: Login to NMS

- Connect the NMS port to your PC using an ethernet cable
- Open web browser and go to <http://192.168.0.136>
- Login/Password: admin/admin

### Step 3: Configure Tuners

#### Parameters

- ▶ Tuner
- ▶ Setting
- ▶ Decoder

1). Select "Tuner" from the main menu

2). Click "Edit" button

#	Tuner	TS Lock	Signal	Parameters	Action
1	DVB-S2	0.000 Mbps	Quality: 0% Strength: 0% Power: -91.38 dBm C/N: 0.00 dB BER: 1.00e+00	Frequency: 3840.000 MHz LNB Frequency: 5150.000 MHz Symbolrate: 27500 Ksps LNB Voltage: 0V 22K: OFF Satellite: 1	<a href="#">Edit</a>
2	DVB-S2	0.000 Mbps	Quality: 0% Strength: 0% Power: -90.08 dBm C/N: 0.00 dB BER: 1.00e+00	Frequency: 3840.000 MHz LNB Frequency: 5150.000 MHz Symbolrate: 27500 Ksps LNB Voltage: 0V 22K: OFF Satellite: 1	<a href="#">Edit</a>

Frequency:  MHz

LNB Frequency:  MHz

Symbolrate:  Ksps

LNB Voltage:

22K:

Satellite:  (1~4)

3). Enter Frequency

[Apply](#) 4). Click "Apply"

Repeat these steps as needed for units with additional tuners

## Step 4: Setting

▶ Tuner  
▶ **Setting** ← Select "Setting" from the main menu  
▶ Decoder  
▶ Output

Output Mode:  CI Card:

→ Lose → Locked

→ 1: Tuner 1 (prog: 1/1) [20.0/27.0M]  
     [2] THOR FI  
→ 2: Tuner 2 [0.0/0.0M]  
→ 3: ASI 1 [0.0/0.0M]  
→ 4: ASI 2 [0.0/0.0M]

CA Filter  
 PID Remap  
Refresh Input  
Refresh Output  
⇒⇒⇒ CAM-A  
⇒⇒⇒ CAM-B  
⇒⇒⇒ BISS  
⇒⇒⇒ Other  
←←←  
All Input  
All Output

→ Normal → Overflow

→ MPTS Output(Mux) [19.2/80.0M]  
    → CAM-A (prog: 0) [0.0M]  
    → CAM-B (prog: 0) [0.0M]  
    → BISS (prog: 0) [0.0M]  
    → Other (prog: 1) [19.2M]  
         THOR FI ≤=Tuner 1 [2]

Parse program    time out:  seconds

- 1). Click "Parse Program"
- 2). Check the box for the discovered program
- 3). Click "→" button to move selected program to output
- 4). Click Program name for more program information

Program From Input:	Tuner 1 [2]
Service Name:	<input type="text" value="THOR FI"/>
Short Name:	<input type="text" value="prog1"/>
Major Channel Number:	<input type="text" value="1"/>
Minor Channel Number:	<input type="text" value="1"/>
Source Id:	<input type="text" value="1"/>
Program Number:	<input type="text" value="4001"/>
Logic Channel Number:	<input type="text" value="1"/>
Service Type:	<input type="text" value="0x01"/>
Service Provider:	<input type="text"/>
PMT Descriptor Tag:	<input type="checkbox"/> <input type="text" value="0x00"/>
PMT Descriptor Data:	<input type="text"/> (Hex)
PMT PID:	<input type="text" value="0x0020"/>
PCR PID:	<input type="text" value="0x0021"/>
MPEG-2 Video PID:	<input type="text" value="0x0022"/>
AC3 Audio PID:	<input type="text" value="0x0023"/>

Apply

Set desired Major/Minor Channel Numbers (Note: VCT must be enabled for this feature, please see "Step 6: Output")

Click "Apply"

## Step 5: Decoder

### Parameters


▶ Tuner

▶ Setting

▶ **Decoder**

▶ Output

Select "Decoder" from the main menu

Video Format:	1080P@50	▼	
Program Select:	THOR FI	▼	Select desired program
Brightness:	50		(1-100)
Saturation:	50		(1-100)
Contrast:	50		(1-100)
Audio1 Mode:	Stereo	▼	
Audio1 Select:	Track 1 - eng	▼	
Audio1 Volume:	100		(0-200)
Audio2 Mode:	Stereo	▼	
Audio2 Select:	NULL	▼	
Audio2 Volume:	100		(0-200)
CC 608:	Disable	▼	
CC 708:	Disable	▼	
AFD:	Disable	▼	
TeletextLine:	Disable	▼	
AC3 Pass:	Disable	▼	
Rom Version:	00.02.02.11		
Decoder Version:	08.29--08.12		
Decoder Status:		←	Status light must be GREEN

Apply

Click "Apply"

## Step 6: Output

▶ Setting

▶ Decoder

▶ Output

Select "Output" from the main menu

Check box to enable VCT Insert

VCT

VCT Insert:

VCT Mode:  Modulation Mode:

Carrier Frequency:  (30-1000MHz)

Apply

Click "Apply"

#	Output Enable	IP Address	Port	Protocol	Null_PKT Filter	Program	Output Bitrate	Status	Bit(Act/Max)
MPTS	<input type="checkbox"/>	<input type="text" value="224.2.2.2"/>	<input type="text" value="12010"/>	<input type="text" value="UDP"/>	<input type="checkbox"/>				0.0/80.0 M
SPTS-1	<input checked="" type="checkbox"/>	<input type="text" value="224.2.2.2"/>	<input type="text" value="3002"/>	<input type="text" value="UDP"/>	<input type="checkbox"/>	<input type="text" value="THOR FI"/>	<input type="text" value="20"/>		10.9/20.0 M
SPTS-2	<input checked="" type="checkbox"/>	<input type="text" value="224.2.2.2"/>	<input type="text" value="3004"/>	<input type="text" value="UDP"/>	<input type="checkbox"/>	<input type="text" value="THOR FI"/>	<input type="text" value="20"/>		9.3/20.0 M
SPTS-3	<input checked="" type="checkbox"/>	<input type="text" value="224.2.2.2"/>	<input type="text" value="3006"/>	<input type="text" value="UDP"/>	<input type="checkbox"/>	<input type="text" value="THOR FI"/>	<input type="text" value="20"/>		9.3/20.0 M

Check boxes to enable SPTS outputs

Select desired program

Status light must be GREEN

Apply

Click "Apply"

### **IMPORTANT:**

**Streams must be accessed through the DATA port**

**ACCESS THE STREAM USING THE APPROPRIATE IP ADDRESS & PORT NUMBER:**

**FOR EXAMPLE:**

**udp://@224.2.2.2:3002**

**IMPORTANT:**

**YOU MUST SAVE CONFIGURATION OR ALL CHANGES WILL BE LOST AFTER RESTART!**

**System**

- ▶ Network
- ▶ Password
- ▶ **Configuration**
- ▶ Firmware
- ▶ Date | Time

1. Click "Configuration"

**CONFIGURATION**

- Save**
- Restore
- Factory Set
- Backup
- Load

2. Click the "Save" tab

When you change settings, you should save the configuration once done.

3. Press "Save config" button



saving configuration, please wait...

4). Confirmation message will appear briefly until saving is complete.

Scan for more Info:

