H-IRD-V3S   Quick Setup Guide

Step 1: Connect Power

RF IN   DATA   **Connect Included Power Supply**

NMS   **HDMI OUT**

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   **1). Select "Tuner" from the main menu**
▶ Setting
▶ Decoder

2). Click "Edit" button

#	Tuner	TS Lock	Signal		Parameters	Action
1	DVB-S2	0.000 Mbps	Quality: 0% Strength: 0% Power: -89.21 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	Edit

Frequency:	3840.000	MHz
LNB Frequency:	5150	MHz
Symbolrate:	27500	Ksps
LNB Voltage:	0 V	
22K:	OFF	
Satellite:	1	(1~4)

3). Enter Frequency

Repeat these steps as needed for units with additional tuners

4). Click "Apply"   Apply   Close

Step 4: Setting

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

Output Mode: MUX ⌄   **CI Card:** None ⌄

➕ ✏ ✖ 🗑

⇒Lose ⇒ Locked
2 ⊟ ⇒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
3 ➡ **===> 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]
4 ⊞1: ☐ THOR FI <=Tuner 1 [2]

1 **Parse program**   time out: 60 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:	THOR FI
Short Name:	prog1
Major Channel Number:	1
Minor Channel Number:	1
Source Id:	1
Program Number:	4001
Logic Channel Number:	1
Service Type:	0x01
Service Provider:	
PMT Descriptor Tag:	☐ 0x00
PMT Descriptor Data:	(Hex)
PMT PID:	0x0020
PCR PID:	0x0021
MPEG-2 Video PID:	0x0022
AC3 Audio PID:	0x0023

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

Apply ⬅ **Click "Apply"**

Step 5: Decoder

Parameters

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

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:	TVCT ▼
Carrier Frequency:	500.000 (30-1000MHz)
Modulation Mode:	4

Apply ⬅ **Click "Apply"**

#	Output Enable	IP Address	Port	Protocol	Null_PKT Filter	Program	Output Bitrate	Status	Bit(Act/Max)
MPTS	☐	224.2.2.2	12010	UDP ▼	☐			●	0.0/80.0 M
SPTS-1	☑	224.2.2.2	3002	UDP ▼	☐	THOR FI ▼	20	🟢	10.9/20.0 M
SPTS-2	☑	224.2.2.2	3004	UDP ▼	☐	THOR FI ▼	20	🟢	9.3/20.0 M
SPTS-3	☑	224.2.2.2	3006	UDP ▼	☐	THOR FI ▼	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** ← **1. Click "Configuration"**
▶ Firmware
▶ Date | Time

CONFIGURATION

2. Click the "Save" tab → | Save | Restore | Factory Set | Backup | Load |

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

3. Press "Save config" button → Save config

saving configuration,please wait...

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

Scan for more Info:

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THOR BROADCAST

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