

Quick configuration Guide H-4ATSC-QAM-IP-LL

NMS IP Address is 192.168.0.136

(The pc need to be on the same subnet with the IP address 192.168.0.XX)

LOGIN / PASSWORD : admin/admin

Welcome Status Page

← → ↻ 🏠 192.168.0.136

H-4ATSC-QAM-IP-LL

welcome to us!

Summary

- Status


Parameters

- Input 1
- Input 2
- Input 3
- Input 4
- TS Config
- Mux
- CI Card
- BISS
- PID Pass
- Modulator
- IP Stream
- USB Player

System

- Network
- LCD | Keyboard
- Password
- Save | Restore
- Backup | Load
- Firmware

DEVICE INFORMATION



THOR
BROADCAST

System

Software Version:	1.25 Build 100 Oct 18 2018
Hardware Version:	1.40
Web Version:	1.07
Product ID:	03542742-0b400011-00000000-00000000
Uptime:	0 Day(s)-02:37:49

Inputs

Interface	TS Lock	Bitrate
1: Tuner ATSC	●	19.381 Mbps
2: Tuner ATSC	●	19.359 Mbps
3: Tuner ATSC	●	19.388 Mbps
4: Tuner ATSC	●	19.391 Mbps
5: ASI	●	0.000 Mbps
6: ASI	●	0.000 Mbps
7: USB	●	0.000 Mbps

Outputs

Channel	TS Overflow	Bitrate(Act/Max)
1:channel A	●	6.714/38.811 Mbps
2:channel B	●	2.474/38.811 Mbps
3:channel C	●	0.263/38.811 Mbps
4:channel D	●	0.262/38.811 Mbps

SET ATSC RF INPUT 1-4 Frequencies

H-4ATSC-QAM-IP-LL

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RF Inputs 1-4

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TUNER CONFIGURATION

Set the ATSC frequency for Each RF Coax Input

ATSC parameters

Frequency: 213.000 MHz

Status

Signal Lock:

Bitrate: 19.356 Mbps

Signal Quality: 88%

Signal Strength: 49%

Signal LOCK and QUALITY indicator, need to be above 30

Default Apply

MAX FUNCION

H-4ATSC-QAM-IP-LL

use Web Management

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PROGRAM MUX

QAM Outputs A,B,C,D

channel A channel B channel C channel D

1 SELECT MUX

2

3 Parse each Tuner

4 Select programs from Input to the Output

5

Parse program time out: 60 seconds

CA Filter

PidRemap

Refresh Input

Refresh Output

All Input

All Output

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PROGRAM MUX

channel A channel B channel C channel D

⇒Lose ⇒ Locked

⇒1 Tuner ATSC (prog: 1/6) [19.293 M]

1: 2: 3: 4: 5: 6:

⇒2 Tuner ATSC (prog: 0/6) [0.000 M]

⇒3 Tuner ATSC (prog: 0/6) [0.000 M]

⇒4 Tuner ATSC (prog: 0/6) [0.000 M]

⇒5 ASI (prog: 0) [0.000 M]

⇒6 ASI (prog: 0) [0.000 M]

⇒7 USB (prog: 0) [0.000 M]

CA Filter

PidRemap

Refresh Input

Refresh Output

====>

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All Input

All Output

⇒Normal ⇒ Overflow

⇒Output (prog: 1) [7.323/38.811M]

1:

Click Each Output program, The configuration window will pop-out

Parse program time out: 60 seconds

channel A channel B channel C channel D

⇒Lose ⇒ Locked

⇒1 Tuner ATSC (prog: 1/6) [19.331 M]

1: 2: 3: 4: 5: 6:

⇒2 Tuner ATSC (prog: 0/6) [0.000 M]

⇒3 Tuner ATSC (prog: 0/6) [0.000 M]

⇒4 Tuner ATSC (prog: 0/6) [0.000 M]

⇒5 ASI (prog: 0) [0.000 M]

⇒6 ASI (prog: 0) [0.000 M]

⇒7 USB (prog: 0) [0.000 M]

CA Filter

PidRemap

Refresh Input

Refresh Output

====>

<====

All Input

All Output

⇒Normal ⇒ Overflow

⇒Output (prog: 1) [8.362/38.811M]

1:

Program Number: 1

Service Type: 0x00

Service Provider:

Program Information

Program Name:	Name
LCN:	1
Major Channel Number:	1
Minor Channel Number:	1
Source ID:	0
Short Name:	prg001
Program Number:	1
Service Type:	0x00
Service Provider:	
PMT PID:	0x0020
PCR PID:	0x0021
MPEG-2 Video PID:	0x0021
AC3 Audio PID:	0x0022
AC3 Audio PID:	0x0023

Save Close

Parse program time out: 60 seconds

VCT

Set QAM RF Channels

H-4ATSC-QAM-IP-LL

QAM Channels 1-4

MODULATOR

channel A channel B channel C channel D

QAM Modulator Setting →

Standard: 1.83B
 Constellation: 256 QAM
 Symbol Rate: 5.361 (5.0 - 9.0 Msps)
 RF Frequency: 57.000 (30.0 - 1000.0 MHz) **Set Frequency** ←
 RF Level: -16.0 (-20.0 - 0.0 dBm)
 RF On:
 Bitrate(Val/Max): 6.589 Mbps/38.811 Mbps

Default Apply

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Set IP MPTS's output (Data port)

IP STREAM

MPTS

Output Protocol: UDP

Enable	Null PKT Filter	Outp	RTP/RTSP
<input checked="" type="checkbox"/>	<input type="checkbox"/>	224.2.2.2	2000
<input checked="" type="checkbox"/>	<input type="checkbox"/>	224.2.2.2	2002
<input checked="" type="checkbox"/>	<input type="checkbox"/>	224.2.2.2	2004
<input checked="" type="checkbox"/>	<input type="checkbox"/>	224.2.2.2	2006

Set MPTS Streams IP , UDP, RTP, RTSP →

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Save Configuration

welcome to use

SAVE CONFIGURATION

When you change the parameter,you should save configuration ,otherwise the new configuration will lost after reboot. **SAFE** → Save config

RESTORE CONFIGURATION

Load latest saved configuration,after click the "Restore" then please click the "Save config" button,otherwise the "Restore" parameter will lost after reboot. Restore

FACTORY SET

Set all configuration back to default, after click the "Factory Set" then please click the "Save config" button,otherwise the default parameter will lost after reboot. Factory set

Save | Restore ← 1

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 - ▶ LCD | Keyboard
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