

## H-STB HD/SD Set Top Box Tuner/Decoder ATSC | QAM | DVB-T | DVB-S2 | ISDB-T



Digital TV RF modulation is a great method for distributing High Definition Video signals in almost any application. You can combine hundreds of video programs onto a single coaxial cable that can be easily split, amplified, and distributed to a large number of displays. Most Televisions have built in QAM or ATSC digital TV tuners, so displaying video on a screen is as simple as tuning to the correct channel. However modern codecs such as H.264 are not supported by many early digital ready displays. There are many legacy display systems without digital tuners. The solution is to use a Digital TV Set Top Box Tuner / Decoder. These units function like any standard Digital TV tuner, and have every video and audio output format that you could need. Thor Set Top Boxes are tested to work with our modulators, and support decoding of both video codecs. These units can decode both MPEG-2 or H.264 without the need to change any settings. This allows programs output by a Thor Modulator using the more dense H.264 to be viewed on displays that do not support this format, as well as legacy non digital TV's. You can also use this STB to display Digital TV on computer monitors and other display systems without tuners.

### Features

- HI Definition HDMI Output with embedded audio
- Decoder Supports both MPEG-2 and H.264 Video Codecs
- Compact form factor with low power consumption
- Multiple output formats for integration with Legacy Displays
- Can be used with Non Digital Televisions

### Specifications

#### • Input

Options For QAM, ATSC (8VSB), DVB-T ISDB-T  
 Digital Cable Air RF frequency range 30-960 MHz  
 For DVB-S QPSK, DVB-S2 QPSK/8PSK demodulation  
 -950 MHz to 2150 MHz Symbol Rate Range  
 DVB-S: 1.0 to 45 MSymbols/s  
 DVB-S2: 1.0 to 31 MSymbols/s

## **H-STB HD/SD Set Top Box Tuner/Decoder ATSC | QAM | DVB-T | DVB-S2 | ISDB-T**

- **Supported Resolutions**

720x480i60/59.94  
720x576i50  
1280x720p60/59.94  
1280x720p50  
1920x1080i60/59.94  
1920x1080i50  
1920x1080p60/59.94  
1920x1080p50

- **Video Codecs**

MPEG-2  
H.264

- **Audio Codecs**

Mpeg-1 Layer II – All Modes  
Dolby AC/3

- **Power Input**

100-240 VAC Auto Switching  
~ 20 W

- **Dimensions**

66 x 320 x 210 mm

- **Model Selection**

H-STB-QAM	Set top Box with tuner supporting DVB-C QAM CATV RF
H-STB-ATSC	Set top Box with tuner supporting ATSC Off Air
H-STB-DVB-T	Set top Box with tuner supporting DVB-T Off Air
H-STB-DVB-S2	Set top Box with tuner supporting DVB-S2
H-STB-ISDB-T	Set top Box with tuner supporting ISDB-T RF