

## H-STB HD/SD Set Top Box Tuner/Decoder ATSC | QAM

H-STB-QAM-ATSC is a unique universal dual-standard Set Top Box - IRD Integrated Receiver Decoder and PVR Recorder -Digital TV converters

### Features

- Auto & Manual search, 4000channels for TV & Radio
- ATSC and DVB-C Annex B QAM 64/256
- EPG for enhanced program information, favorite channel and station list
- USB2.0 PVR for record&playback TV channels
- 16:9 full screen, 4:3 letterbox & fullscreen
- Support Teletext and DVB subtitle
- Timer On/Offsetting
- Parental guidance lock
- Full function remote control
- Low power mode
- HDMI output up to 1080p/60
- YPbPr video output up to 1080i/60
- CVBS baseband video output up to 480i
- ANALOG RF OUTPUT CH 3 or 4 selectable NTSC/PAL



This decoder can decode ATSC and Clear QAM Modulated RF.

The decoder has 4 Major Outputs:

- 1) HDMI output up to 1080p60
- 2) YPbPr component Audio Video Output up to 1080i (RCA connectors )
- 3) CVBS Analog Baseband Video and Audio output (RCA connectors)
- 4) CATV RF Analog Output NTSC/PALchannel 3 and 4 ( Application - Digital RF to Analog NTSC /PAL converter)

It could be used for the following applications :

- 1) Decoding ATSC OFF the Air signal from the Antena  
ATSC to HDMI  
ATSC to YPbPr  
ATSC to CVBS Digital to Analog conversion  
ATSC to ANALOG RF CH 3/4 as a Digital to Analog converter

- 2) Decoding Clear CABLE TV QAM RF  
QAM to HDMI  
QAM to YPbPr  
QAM to CVBS - Digital to Analog conversion  
QAM to ANALOG RF CH 3/4 as a Digital to Analog converter

The unit has also built-in recoding PVR Recorder using external USB storage source like USB stick

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Items		Features	
High-Frequency Tuner	Input Frequency Range	54 ~ 862MHz (VHF&UHF)	
		ATSC and DVB-C QAM ANNEX B	
		Bandwidth	
		6 MHz	
		Input Signal Level	
		0- +25dBmv	
RF Input Connector		F Type Female	
Input Impedance		75Ω	
Demodulation Mode	Waveform	8VSB and QAM	
Demodulation		ATSC / QAM 64/256	
Video Outputs		HDMI, YPbPr,CVBS, Analog RF CH3/4	
Video Decoding	Video Decoding Format	MPEG-1, MPEG-2, MPEG-4	
		HD H.264 DivX (free version)	
Video Resolution		480i/576i/480p/576p/720p/1080i/1080P	
Video Input Code Rate		45,5Mbit/s Max.	
Teletext		Support DVB-ETS300472	
Aspect Ratio		4:3/16:9	
Image Signal System		AUTO/PAL/NTSC	
Audio Decoding	Audio Decoding Format	IMPEG-1, MPEG-2(Layer I/II), MP3, AC3	
		Stereo, Dual Track, Monophony (L, R),	
USB 2.0	Format	MP3/JPEG/BMP	
File System		FAT32, FAT 16, NTFS	
Current		500mA Max	
Support software upgrade			
Power	Rated Voltage	~230V, 50Hz	
Rated Voltage Range		~176-264V, 50Hz	
Rated Power Consumption		≤ 8 W	
Power Consumption		≤ 13 W Max	
Standby Power Consumption		0,45W	
Work Environment	Temperature	0-40°	
Humidity		<90%	