



ACI Communications, Inc. 

ACI STB-800

For supply of Digital
Cable Receiver



Features

- USB2.0 supported.
- Conax CA S7 embedded with chipset pairing, 7-day EPG/SI, Messaging, OPPV.
- Support 8 favorite channel groups.
- Support closed capture, teletext output with OSD.
- Support logical channel.
- Support Dolby AC-3 or MPEG1 & 2 decoding. (bit stream output)
- Auto channel searching supported.
- RS-232 and OTA supported for SW download.
- Standby mode.
- OSD English & local Language selectable.
- Includes HDCP and Dolby patent fee.

Specifications

DVB-C TUNER	
Tuner	X 1
Frequency Range	48-862 MHz
Input Level	-15dBmv- 15dBmv For 64-QAM @C/N=27dB -15dBmv- 15dBmv For 256-QAM @C/N=34 dB
Digital Demodulator	QAM 64,256
Band	6 MHz
Symbol rate	2 - 7 MS/s
Input impedance	75 Ω
FEC	ITU-T J 83 ANNEX A or B
DEMULTIPLEXER	
Standard	ISO/IEC 13818-1
IF Bandwidth	27/36/54 MHZ

Specifications

VIDEO DECODING	
Standard	ISO/IEC 13818-2, MPEG-2 MP@ML, MPEG4 AVC/H.264 HP@L4
Aspect ratio	16:9 /4:3 switch able
Video format	PAL / NTSC switch able
Video resolution	1920*1080 (MAX)
DVB subtitle	English & local language Standard
AUDIO DECODING	
Standard	ISO11172-3 L1, L2-Musicam & L3-MP3, Dolby digital 5.1 AAC Bit stream (Dolby pass-through)
Decoding	MPEG-1 Layer I /II,AC3
Output mode	Dual channel, Stereo
Sampling rate	32,44.1 and 48 KHZ
PROCESSOR AND	
CPU	STi7101
MEMORY	
Processor speed	266 MHz
Flash memory	16 MB
SDRAM	256 MB
EEPROM	64K bit
SMART CARD	
Standard	ISO 7816
FRONT PANEL	
LED display	4-digit LED to indicate channel number and status
Smart card slot	1
IR receiver	38 KHz
Dimension (WxDXH)	340x240x45 (mm)
REAR PANEL	
Main Power Cable	Standard
AV	3RCA (1 Left Audio, 1 Right Audio ,Video,) CVBS with 480i
Component video	YPbPr(3RCA) 480i/ 480p/720p/1080i
SPDIF Coaxial	x 1
Ethernet port	RJ-45 10/100 base T
USB Port (USB 2.0)	x 1HOST 2,0
HDMI output	x 1 (1080/720p/576p) HDCP support
POWER	
Input Voltage	AC90 ~ 250V, 60Hz

Specifications

Accessory	
RCU	English version
Battery	2x1.5V AAA
A/V cable	x 1
HDMI cable	X 1 1.5 meter, option
Safety approval labels	x 1
Ambient	
Operation Temperature	-5~40℃

Middleware

- DVB-C STB800 will integrate Middleware-MHP as customer required.
- The Expenses for the Middleware is excluded.

ACI Communications, Inc. reserves the right to discontinue the manufacture or change the specifications without prior notice on any parts illustrated in the data sheet.

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