



**ACI** Communications, Inc. 

## ACI STB-470C

MPEG-4 HD CONAX  
CAS embedded PVR  
(USB Ready)



## Overview

MPEG-2 and H 264(MPEG-4 Part 10) decoding for SDTV and HDTV

Fully DVB-C compliant

2 Channels Recording while 1 Channel Watching

Conax CAS with Advanced Security(chipset pairing)

User Friendly and Easy GUI

Fast channel changing and booting time

Software upgradable by OTA (DVB-SSU)

Programmable Favorite channel Lists

Teletext and HD Subtitle using OSD

GUI Displays for major languages

HDMI with HDCP copy protection

Now and next Info Windows, 7days EPG

## Specifications

<b>Dual Tuner</b>	
Input Frequency	60~862MHz
Input Level	+47dB $\mu$ V~+75dB $\mu$ V at 75 $\Omega$
Connector	IEC Female & Male
Input Impedance	75 $\Omega$ unbalanced
IF Frequency	36.125MHz
Channel selection	PLL Synthesizer
Step Frequency	62.5KHz
IF Bandwidth	7/8MHz
<b>Demodulation</b>	
Waveform	QAM
Symbol Rate	Max.7.2Msp/s
QAM Mode	16,64, 128 and 256QAM
FEC Decoder	Reed Solomon(204, 188)
<b>Video Decoding</b>	
Transport Stream	MPEG-2 ISO/IEC13818-1 TS
Profile Level	H.264 AVC HP@L4, MP@L3, MPEG-2 MP@ML, MP@HL
Video Format	4:3, 16:9 Letterbox(Default)
Video Resolution	1080i, 720P, 480P/576P, 480i/576i
<b>Audio Decoder</b>	
Audio Decoding	MPEG-1 layer I/II, MPEG-2 BC.AA, HE-AAC, HE-AAC.V.2
Audio Channel	Single, Dual Channel, Stereo, Joint Stereo, Multi Channel(5.1)

## Specifications

<b>System Resource</b>	
CPU	ST7109
Flash Memory	8Mbyte
System DDR Memory	192Mbyte
EEPROM	2Kbyte
<b>A/V8 Data In/Out</b>	
TV SCART	RGB, CVBS, Audio L/R
VCR SCART	CVBS, Audio L/R
HDMI(HDCP)	Digital Video and Audio output
RCA A/V	1 Video Output, 2 Audio output(Left & Right)
Component	Y Pb Pr
S-Video	S-Video output
S/PDIF	Digital Audio output
USB	1 USB Slave for PVR Ready
<b>Security</b>	
CAS	CONAX with Advanced Security
Smart card Reader	1
<b>Power Supply</b>	
Input Voltage	AC 90 to 250V, 50/60Hz
Type	SMPS
Power Consumption	Max. 20W(Active), 6W(Standby)
<b>Front and Rear Summary</b>	
Buttons	7buttons
Display	VFD(Optional) or 7Segment
<b>Physical</b>	
STB Dimension	300mm(W) x 210mm(D) x 60mm(H)
Net Weight	2.5Kg
Operating Temperature	0°C ~ +45°C