

## DVB-C MPEG-4/MPEG-2 HD Set Top Box

CHB-01C



### Key Features

- Bestcom CAS integrated
- Fully DVB-C MPEG-4/MPEG-2 compliant
- MPEG-4 HD/SD decoding
- Simultaneous viewing of one channel and recording it
- One touch record scheduling in EPG
- Support NIT auto search, list search, manual search
- Powerful program management feature and level restriction features for parental locking
- Support EPG Classified management
- 7 days Electronic Program Guide (EPG)
- Closed Caption, Teletext output with OSD
- Logical channel number (LCN) Supported
- 1 Smart Card embedded
- Software Upgrade via OTA & USB

## Specifications

### System Resources

Main Processor	MSTAR7C51K chipset
CPU	GX3001Q, 700MHz
Flash	64Mbit
DDR	128Mbit

### RF Input

Constellation	16/32/64/128/256QAM
Frequency Range	100MHZ-862MHZ
Sensitivity	35dB $\mu$ V-80dB $\mu$ V
C/N	$\leq$ 23dB (64QAM, 6.952 Mbaud)
Frequency Catch Range	$\pm$ 150kHz
Input reflect loss	$\geq$ 8dB
Symbol Rate	3.6~6.952 Mbaud
Input Impedance	75 $\Omega$

### Video Decoder

standard	MPEG-1/2/4, H.264
Resolution	1080P, 1080i, 720p, 576i, 480p, 480i
Output	HDMI, CVBS/YPbPr in RCA
Input Impedance	75 $\Omega$

Aspect Ratio	4:3/16:9 (auto)
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### Audio Decoder

Standard	MPEG-1, MPEG-2 Layer-I/II, MP3
Mode	Single / Dual mono / Stereo / Joint Stereo
Sampling Rate	32KHZ, 44.1KHZ, 48KHZ
Output	RCA
Output Impedance	600 $\Omega$

### General

Smart Card	1pc cater for ISO7816 standard
Power supply	AC100~240V,48~52HZ
Power consumption	<20W
Holding consumption	<2W
Anti-electricity duration	3000V(AC spot value)keep 1 mins not breakdown
Operation temperature	0~40 $^{\circ}$ C

### Front Panel Image



### Rear Panel Image

