

Set Top Box

Catcast HP8202 DVB-C HD&SD STB



Overview

HP8202 DVB-C HD/SD Set-Top-Box adopts national chip hardware platform and integrates CAS (Conditional Access System). It fully meets DVB-C MPEG-2/MPEG-4 AVC/H.264 standard, supporting over air and serial port upgrade and multiple program-searching, including NIT. It can support maximum 1920×1080p video format. EPG, Channel Management, Smart Work Time Setting and other applications can work on the hardware platform with safety, reliability, speediness and effectiveness. Besides it provides USB electronic photo album and PVR video recording, and built-in lots of puzzle games to make you enjoy a better entertainment life.

Hisi Chipset

- *Support various mainstream functions of CA.
- *Support 4:3 and 16:9 aspect ratio manual switching and PAL/NTSC automatic identification.
- *Support various standards online upgrade.
- *Support program booking and matured play.
- *Support independent setting and saving the volume and left/right/stereo audio of each program.
- *Support local media play by USB (pictures, electronic novels, music and video).
- *Support PVR video recording.
- *Support STB-Card binding, one card to one STB to ensure the safety and effectiveness of authorization.

Ali Chipset

- *Support various channel-switching setting.
- *Support multiple program-searching.
- *Support semi-transparent menu when playing HD program, which shows a special visual interface.
- *Support 4:3 and 16:9 aspect ratio manual switching and PAL/NTSC automatic identification.
- *Support USB, Ethernet and OTA online upgrade.

- *Support USB electronic photo album (photo, picture).
- *Support PVR video recording.
- *Support channel list automatic upgrading.
- *Support multiple languages.
- *Support STB-Card binding, one card to one STB to ensure the safety and effectiveness of authorization

Product Configuration

Project	Parameters	
	HISI Plan	ALI Plan
Processor Chip	HI3716MV300	M3701E
Basic Frequency	600MHz@1500DMIPS	396MHz&1200DMIPS
Flash(bit)	1G/2G/4G	32M/64M/128M
SDRAM(bit)	2G/4G	2×1G
Demodulation Chip	Hi3716M, Built-in	M3202
Tuner	TCT6193W/TCT6193P/DCT70707	DCT70707 /TCT6193P

Technical Specification

Project	Parameters		
	HISI Plan	Ali Plan	
Tuner& Demodulator	Frequency	47~862MHz	47~862MHz
	Power Level	35 ~ 107dB μ V(64QAM) 42 ~ 103dB μ V(256QAM)	35 ~ 104dB μ V(64QAM) 44 ~ 101dB μ V(256QAM)
	C/N Threshold	\leq 24dB(64QAM) \leq 31dB(256QAM)	\leq 24dB(64QAM) \leq 31dB(256QAM)
	Symbol Rate	3.6 ~ 6.952Mbaud(64QAM)	3.6 ~ 6.952Mbaud(64QAM)
	Bandwidth	8MHz	8MHz
	Demodulation	16, 32, 64, 128, 256QAM	16, 32, 64, 128, 256QAM
	Input& Output	RF Input	75 Ω , British F-type
RF Output		75 Ω , IEC169-2, Male	75 Ω , IEC169-2, Male
Analog Video Output		75 Ω , RCA	75 Ω , RCA
Analog Audio Output		RCA	RCA
USB		USB 2.0	USB 2.0
AV		8*AV(YPbPr)	6*AV(YPbPr)
Digital Audio		S/P DIF(TXJ, no-S terminal)	S/P DIF

	HDMI Output	Support HDCP	Support HDCP
	RS232 Serial Port	DB-9, Female	DB-9, Female
	Other Input & Output Interface	RJ45 Network Interface	RJ45 Network Interface
Audio	Decode Mode	MPEG L1/L2, Dolby Digital/Digital Plus, DTS/DTSHD Core, DRA	MPEG L1/L2, HE-AAC V1
	Output Mode	Left/Right/Stereo Audio	Left/Right/Stereo Audio
Video	Decode	MPEG-2/-4, H.264, ASP, AVS, Divx4-6	MPEG-2 MP@HL, MPEG4 ASP, AVC/H.264
	SNR (weighting)	≥ 56dB	≥ 56dB
	MAX Resolution	1920×1080p	1920×1080p
	Video Output Format	PAL/NTSC	PAL/NTSC