

HD Zapper HC-H810R

DVB-C/S2/T2 HD STB with High-Level Security

The HC-H810R is a set-top box for cable operators requiring a low-cost solution for emerging digital TV markets. Its primary aim is the conversion of large numbers of analogue TV subscribers to a modern digital service in the most timely and cost effective manner.

FEATURES

- High-definition, Low-cost STB solution
- Integrated DVB-C tuner/demodulator
- Full range of HD and SD video formats up to 1080p
- HDMI1.4 with HDCP
- The advanced security CA solution
- USB 2.0 for peripheral support
- Multi language support (Portuguese, Spanish, English and Customer Option)
- Electronic Program Guide for on screen channel information
- Auto searching and manual searching function
- Parental lock function
- PVR ready via USB
- Dolby Digital Plus support (*option)



OVERVIEW

High Performance

The HC-H810R use a high-quality processor and components for great performance and reliability of service. Its small size ensures that it minimizes power consumption, whilst working in a wide range of deployment scenarios. Additionally it's size makes it cost effective in both logistics and deployment.

High Security

The HC-H810R implements the advanced security CA solutions which provides all the features and security of smartcard-based system but a fraction of the total cost. Its also supports all major advanced security and various type of smart-card system including smartcard, SIM card and cardless.

Analogue to Digital Outputs

The unit boasts a simple back panel supporting the most common analogue and digital outputs which will allow easy installation by all demographics of customer. Additionally, a rear-mounted USB 2.0 connector allow the connection of other peripherals, including flash storage for live pause operation.

SPECIFICATIONS

Low-Cost

DVB-C/S2/T2

All Major CAS

MPEG-4 H.264

HDMI1.4

USB2.0

SoC	Hi3716MV310
Processing	2,500 DMIPS
OS	Linux
RAM	128MB (1GB)
Flash	16MB (128MB)
Tuner	DVB-C/S2/T2
RF Input	F-Connector Female Type
RF Output	F-Connector Female Type (Loop Through)
Tuning Range	42MHz ~ 1GHz
Symbol Rate	5.075~5.361Msps
Modulation	64, 256QAM
Video Decoder	H.264 MP/HP@4.1 MPEG2 MP@HL
Resolution	1080p(60), 1080i, 720p, 576p 576i, 480p, 480i
Audio Decoder	MPEG L1/L2 WAV, AAC, HE-AAC Dolby Digital Plus (*option)
Audio Output	Mono, Left, Right, Stereo

Front	IR Receiver 3 Keys (Standby On/Off, Ch+, Ch-) Red & Green LED (Power Status)
Rear	F-Connector Female x1 HDMI with HDCP (up to 1080p) Composite Video USB2.0 x1 (External PVR option) SPDIF x1 Smartcard Slot x1 DC Jack x1
Security	Support all major CA solution
Power	DC5A/1A
Size	170x120x35 (mm)
Weight	250g approximately



More Information

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