

HDC-800R

Advanced HD multimedia cable gateway



Highlights

- Fully DVB-C compliant, wide band multi tuner design
- Multi-standard MPEG-2, H.264 and VC-1 video decoding
- Full featured digital video recorder with full trick-mode support
- Multimedia home gateway supports home networking and IP content delivery to client devices inside or outside the home
- State-of-the-art wideband tuner architecture providing combinations for either 4 or 8 cable tuners
- Integrated HDD upto 2TB (500GB standard) for DVR
- Configurable for DOCSIS®/EuroDOCSIS™ 3.0, CI+ & SlingLoaded®
- Gigabit Ethernet with optional WiFi 802.11n & Bluetooth
- High level of connectivity: Including high-quality HDMI® 1.4a, high bandwidth Gigabit Ethernet, S/PDIF and USB 2.0
- Supports the industry's leading middleware, conditional access & digital rights management solutions
- Ultra-low power operation for European energy efficiency requirements

A state-of-the-art high definition multimedia gateway with digital video recorder (DVR) that combines multi-tuner cable television reception, the flexibility of personal video recording and the ability to share these resources to client devices in and around the home.

To minimise deployment costs, instead of using a cable set-top box for each room in the home, the HDC-800R can service one or more thin clients. Each thin client can access the tuners in the HDC-800R and access recorded content.

Designed with ease-of-use in mind, this product puts consumers in complete control of their digital entertainment portfolio, whilst offering operators an advanced yet cost effective solution to deliver a compelling multiroom, multimedia solution.

This product can be deployed as a stand alone unit or as the central hub of the multiroom home network. The unit is compatible with open standards based home networking protocols to ensure compatibility with remote client devices in the form of STB's or other certified devices within the home. Featuring stylish cosmetic design, the HDC-800R supports the industry's leading middleware, conditional access and digital rights management solutions.

Offering a wealth of connectivity to ensure the HDC-800R's placement at the centre of the home entertainment system,

interfaces include high quality HDMI, high bandwidth 1Gigabit Ethernet, S/PDIF and front and rear mounted USB 2.0.

Configuration options include support for DOCSIS®/EuroDOCSIS™ 3.0, 802.11n WiFi, Bluetooth, CI+ and Slingbox for "TV Anywhere" providing a wealth of connectivity.

Multi device, multi screen viewing inside or outside the home is fully supported through our award winning TV Anywhere software solutions. TV Anywhere ensures that operators can embrace opportunities to increase ARPU and reduce churn by enabling content to be delivered securely to devices inside or outside the home.

By using the leading home networking and multi screen software standards and protocols (EchoStar is a member of the Digital Living Network Alliance®), we can extend your services securely to a variety of devices, ensuring that your content is no longer constrained to the main TV in the home.

Also ask about our SlingLoaded® technology, developed to provide your customers with the ultimate in convenience, enabling them to watch their content on their favourite mobile devices. Consumers can watch their home TV, access their DVR content and remotely manage their recordings through the SlingPlayer® Mobile application compatible with iPad, iPhone and Android™ based products.

Technical Information

Hardware	8 x DVB-C front ends with RF loop through MPEG-4 – Part 10 High Profile L4.0 Video Decoder MVC and SVC decode for 3D TV HDTV / SDTV Outputs, PAL B/G system 4MB NOR, 64MB NAND Flash, 1GB DDR3 DRAM State-of-the-art wideband tuner and multi-transport stream interface 500GB HDD
Front Panel Interfaces	9 button front panel, optional capacitive touch buttons 16 character LCD display with status icons, smart card reader 3 x status LED indicators, IR Sensor, USB Port (USB 2.0)
Rear Panel Interfaces	HDMI® 1.4a with HDCP, TV SCART S/PDIF Optical for Dolby® Digital bitstream and PCM data RCA composite audio (L+R), USB port (USB 2.0) RF In (F-Type), RF Out to support Bypass (IEC), 10/100 Base-T Ethernet (RJ45) 10/100/1000 Base-T Ethernet (RJ45)
Options	DOCSIS®/EuroDOCSIS™ 3.0 WiFi 802.11n, Bluetooth, CI+ Integrated SlingLoaded® Increased HDD size up to 2TB
Software Features	Compatible with industry leading browsers and middleware Compatible with industry leading conditional access Support for OTT and catch-up services Home networking support to open standards
Accessories	Carton, manual, IR remote control & batteries Mains power cable, HDMI® lead
Power	230Vac, 50Hz Power consumption <30W typical Standby passive <1W
Mechanical	Dimensions 320mm x 230mm x 48mm



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