

HDX-600R

High definition, DVB-X plus IP digital video recorder optimised for hybrid, IP and Internet delivered services



Highlights

- Hybrid support for combined DVB-broadcast, IPTV, on demand services & applications
- Stylish & cost-effective design
- Optional support for Android™ 2.3 operating system
- CI+, HbbTV® & TV anywhere ready
- Multiple cable, satellite, terrestrial & hybrid front-end options
- Flexible home networking capability or delivering content & services inside or outside the home
- Supports both Ethernet & wireless networking
- Pause, record and rewind live TV with the fully integrated 1TB hard disk drive
- High level of connectivity: including HDMI®, SCART, phono, Mini-DIN & USB 2.0 connectors
- Multi-codec support including advanced video coding
- Ultra-low power operation meeting European energy efficiency requirements
- Supports the industry's leading middleware, conditional access & digital rights management solutions

The HDX-600R is a fully integrated and advanced high definition (HD) IP digital video recorder (DVR) that combines the efficiency of hybrid TV reception with the flexibility of integrated home networking and 'TV anywhere' capabilities.

Designed with ease-of-use in mind, this product puts consumers in complete control of their digital entertainment portfolio. The HDX-600R has been optimised for deployment within hybrid networks where telco, broadband or TV operators wish to combine added-value IP services - including connected TV, on demand and over-the-top (OTT) content - with entertainment delivered using traditional broadcast channels.

The HDX-600R supports HD and standard definition (SD) video decoding and offers compatibility with the most efficient advanced video coding (AVC) methods for delivering cost effective, yet high quality entertainment services. MPEG-4/VC-1 and VP6 AVC are all supported to ensure that available bandwidth is optimised.

Featuring state-of-the-art cosmetic design, the HDX-600R supports the industry's leading conditional access digital rights management, browser and middleware solutions.

Offering a wealth of connectivity to ensure the HDX-600R's placement at

the centre of a home entertainment system, interfaces include high quality HDMI®, wireless networking to the 802.11n standard, powerline, S/PDIF and USB 2.0.

With 1TB of hard disk drive space, consumers are afforded an abundance of space for recording, pausing and rewinding live television using one-touch DVR functionality from the user friendly and graphically rich HD electronic programme guide.

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	Powerful 1500DMIPS core application processor Multi-codec video and audio decoder DSP HDTV / SDTV outputs, PAL B/G system 2GB NAND Flash, 512MB SDRAM Wireless networking support to 802.11n standard 1TB HDD
Front Panel Interfaces	Up to 8 front panel buttons 4 x 7 segment display, smart card reader Power/status LED indicator, IR sensor, USB port (USB 2.0 type A)
Rear Panel Interfaces	HDMI® 1.3a with HDCP 1.3, TV SCART S/PDIF optical connector for Dolby® Digital bitstream and PCM data RCA composite audio (L+R), RF In (F-Type) RF Out to support bypass (IEC), ON/OFF switch 1 x USB port (USB 2.0 type A), 10/100 Ethernet port - RJ45
Options	Integrated SlingLoaded®, DVB-X Tuner options Front panel eCommerce smart card reader CI+, SCART to SCART AV cable, 3D graphics support Keyboard, mouse Android 2.3 (Gingerbread) operating system Webkit and Chrome V8 JavaScript based browser Adobe® Flash Player® 10.1, SQLite database, OpenGL ES 2.0
Software Features	Linux kernel 2.6.34 Graphically rich user interface with remote control navigation Supports Internet based services including catch-up and on demand TV HTTP dynamic streaming IP/IGMP multicast and RTP/RTSP video server support TV control and navigation, configuration, parental control Channel organiser, favourite channels Optional conditional access support Home networking support to open industry standards
Accessories	Carton, quick start guide, IR remote control & batteries Mains power cable, HDMI® lead
Power	230Vac, 50Hz Operating power <30W typical Standby passive <1W
Mechanical	Dimensions 320mm x 230mm x 48mm

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