



DS8000

Digital Media Player with 8 x HDMI Splitter

Key Features

Triband RF Tuner

NTSC / QAM / 8VSB tuner for flexibility of receiving CATV, Off-the-Air, or internal closed circuit TV content

IP Streaming

Support of HD streaming media using UDP or RTP/RTSP protocols. Support up to 20Mb/s streaming HD media

High Definition Video

MPEG-2 / MPEG-4 / H.264

Control Options

Support of the follow device control methods:

- IP control from central control center
- IR Remote control at display
- Third-party RS232 serial control, including touch panel support

SafePlay™

The DS8000 includes on board solid-state memory for video backup local media playback if RF or IP stop playing.

Applications

- Display Merchandising
- Tradeshow Display
- Video Wall Player

The Enseo DS8000 is combines the flexibility of Enseo digital media players with eight HDMI 1.3 CEC output ports for speciality applications. The DS8000 delivers standard and high definition video at resolutions from 480i up to 1080p resolutions, including controls to locally or remotely select the output resolution for each HDMI port.

IPTV Support

IP Streaming is available as unicast or multicast protocols, including RTP/RTSP, and vanilla UDP, up to ATSC data rates (19.4Mbps). DS8000 is compatible with streaming products from all the major head end server providers. The built in hardware decoder fully supports MPEG-2 / MPEG-4 / H.264 / AVC and all popular audio compression formats.

RF Over COAX

The built in Triband tuner decodes NTSC, QAM (64/256), and 8VSB/ATSC, providing full support for broadcast television signals over satellite or cable. The DS8000 is the ideal solution for hybrid live and pre-canned signage scenarios.

Content Encryption

The DS8000 hardware with optional 128-bit decryption engine and session based watermarking provides industry standard content protection, ideally suited to applications where Digital Rights Management (DRM) and media security are a priority. With support for HDCP and Pro:Idiom™ and future support for Verimatrix™ and Cinea™, Cassini provides a solution for any security conscious application.

Enseo SafePlay™

The DS8000 includes the Enseo's proprietary SafePlay™ technology is the ultimate antidote to the black screen, a major concern in streaming architectures. SafePlay™ provides a backup local source in the event of IP or RF signal loss or hard disk failure. 2 GB of on board solid state storage holds up to 15 minutes of high definition content, ensuring the display always shows a strong message.

SDK Support

The DS8000 remote control API presents a comprehensive set of management commands for quick and easy integration with any control system. Once the device has an IP address every function can be controlled through a network, for simple centralized control, critical in mass deployments.

Key SDK features include, resolution control, "as played" logging, remote Playlist management, virtual channel mapping, display control over CEC, and secure content delivery.

DS8000

Features

Benefits

8 x HDMI Output	The DS8000 delivers 8 HDMI outputs up to a 1080p HD signal. These eight ports can be controlled using the Enseo SDK, providing resolution control and other functions.
IP and RF Capability	Combine standard RF tuning and IP streaming to make available content, including live cable, over the air and satellite TV input.
Media Control	The DS8000 allows various forms of media transport methods to be remapped and combined into an easy to use control interface. The result is that whether the content is NTSC, QAM or IP streaming it can be accessed quickly and directly by IR remote, IP control or 3rd party touch panel interface systems.

Specifications

Media Distribution / Signals

Digital Tuner	QAM / 8VSB
Analog Tuner	NTSC
IP Protocols	UDP, RTP, RSTP

Media Types

Video Codecs	MPEG-1, MPEG-2, MPEG-4, H.264
Audio Codec	AC3, PCM, MP3, AAC
Resolutions	480i, 480p, 525i, 720p, 1080i, 1080p
Encryption	Pro:Idiom™

Inputs

Ethernet	10/100 LAN (RJ45)
F-Connector (Coax)	Coax cable input (CATV / 75 Ohm)
System Control	TTL or Serial (RJ11)

Outputs

HDMI	8 x HDMI 1.3 (CEC & HDCP)
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SafePlay

Solid-state memory	2GB on board memory
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Physical / Environmental

Dimensions	11.5" x 6.26" x 1.1" (LWH) 292mm x 159mm x 28 mm (LWH)
Weight	2.3 lbs / 1 Kg
Power Consumption:	12.5 Watts
Environmental	RoHS compliant
Regulatory	FCC Class B



Enseo, Inc.

401 International Parkway
Suite 100
Richardson, TX 75081
USA

Tel. 972-234-2513
Fax 214-570-3090
Web www.Enseo.com
E-mail Sales@Enseo.com