



# Enseo Cassini™ & Cassini IP™

## Streaming Media Players

**Cassini** provides the ideal solution for next generation IP and RF video deployments. The integrated IP Streaming and RF Tuning (Cassini only) enables provide Cassini to be the platform of choice for new build or retrofit applications. All popular Standard Definition (SD) and High Definition (HD) video formats are supported, maximizing the reuse of existing content, and providing a clear path forward to High Definition.



### **Streaming Video**

IP TV Streaming is available as unicast or multicast protocols, including RTP, RTSP, and UDP. Cassini and Cassini IP are compatible with streaming products from most major server providers.

### **Tune in to Live TV/Broadcast**

Cassini integrates full support for broadcast television signals over satellite or cable using the Triband tuner (NTSC, QAM and ATSC). Cassini is the ideal solution for live and stored/scheduled signage and video distribution projects.

### **Virtual Channel Mapping**

Cassini uses a virtual channel map to enable easy access to all input types without the user having to understand the complexity of the system architecture. Assign any program - IP, RF or composite video, to an internal channel number that can be easily called via a simple IR remote control, or remotely using 3rd party control system, RS-232 or IP Commands.

### **Display Control**

Both the Cassini and Cassini IP include built in display control support. The constantly growing library of drivers supports more than 100 professional displays (LCD, Plasma, Projectors) from major manufacturers.

**Cassini** is a streaming media appliance that will give you amazing reliability and flexibility for all your digital signage needs. All industry High Definition (HD) and Standard Definition (SD) resolutions including 1080p are supported.



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## Streaming Media Players

### KEY FEATURES

**IP and RF Capability** • Easy access to available content via IP Streaming (Cassini and Cassini IP) and RF Tuning (Cassini) including live cable and terrestrial broadcasts. This enables a rich media digital signage or streaming experience with access to live current events or programming as needed regardless of existing or new cable infrastructure.

**High Definition Video** • Models support high definition video up to 1080p resolution and bitrates up to and exceeding 19.4 Mbps (ATSC) for superior performance. Cassini supports both up-conversion and down conversion of content to allow for the optimum resolution on your targeted monitor.

**Media Control** • The Cassini and Cassini IP allow various forms of media transport methods to be remapped and combined into an easy to use interface. The result is NTSC, QAM or IP streaming content that can be accessed quickly and directly by IR remote, IP control or 3<sup>rd</sup> party touch panel interface systems.

**Triband RF Tuner** • NTSC/QAM/ATSC tuner for flexibility of receiving CATV, Off-the-Air, or internal closed circuit TV content (Cassini only)

**IP Streaming** • Support of HD streaming media using UDP or RTP/RTSP protocols. Supports up to 20Mb/s streaming HD media

**Media Support** • MPEG-2/MPEG-4/H.264

**Display Control** • Integrated control configurations to support over 100 displays from seven major display manufacturers.

**Control Options** • Supports the following device control methods: IP control from central control center, IR Remote control at display, RS232 serial control, including 3<sup>rd</sup> party touch panel support.

### OTHER AVAILABLE MODELS

**DS8000** • Cassini with an integrated eight-way HDMI splitter

**Cassini HDD & ssm** • Digital signage cplayer/controller with video scaling, graphic and text layers and Author™ creation software

### SPECIFICATIONS

#### Media Distribution/Signals

- Digital Tuner . . . . ATSC (8VSB) / QAM (64/256)
- Analog Tuner . . . . NTSC
- IP Protocols . . . . UDP, RTP, RTSP

#### Media Types

- Video Codecs . . . . MPEG-2, MPEG-4, H.264
- Audio Codec . . . . AC3, PCM, MP3, AAC, MPEG-1 (layer 2)
- Resolutions . . . . 480i, 480p, 573i, 573p, 720p, 1080i, 1080p

#### Inputs

- Ethernet . . . . . 10/100/LAN (RJ45)
- F-Connector . . . . Coax cable input (CATV / 75 Ohm)
- Analog Video . . . . Composite (1xRCA)
- Analog Audio . . . . 2xRCA
- Display Control . . . Serial RS232 (RJ11), MPI, Smart Port
- System Control . . . Serial (DB9), Ethernet (RJ45)
- USB 2.0 . . . . . Firmware & programming updates only

#### Outputs

- HDMI . . . . . HDMI (HDCP)
- Digital Audio . . . . S/PDIF - RCA
- Analog Audio . . . . L/R - (2 x RCA), includes volume control

#### Physical/Environmental

- Dimensions . . . . 11.5"x6.26"x1.1"/292x159x28 mm (LWH)
- Weight . . . . . 2.3 lbs / 1 Kg
- Power Consumption . . . 12.5 Watts
- Environmental . . . . . RoHS compliant
- Regulatory . . . . . FCC Class B/CE

#### Warranty

1 year with software license and maintenance agreement

### OPTIONS

- RS-232 to IR adapter
- Enseo IR Remote Control
- On-Site Training
- Extended Warranty & Software Maintenance Agreements

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