



## Testimonials

"We have used SIS Caster and it is the future of outside broadcast television, as technologies for the delivery of the moving pictures merge and television over the internet arrives on our big screen TV's 'SISCasting' will become the industry norm."

**Matt Rumsey, Pimlico**

"SIS LIVE has created a compact but powerful system that has the potential to open up a new market for content producers, broadcasters and web platforms. As convergence becomes a reality, a lot of content is going to be made and delivered using this flexible and low cost solution."

**Tim Breadin, Director of Production, Digital & Commercial Programming, RDF Media**

"In today's TV world of ever shrinking budgets the SIS Caster is the ideal way to make the programmes you want at the price you want without compromising your production values. Once you see what the SIS Caster can do you can make those productions you've always been thinking of that previously you couldn't get past the drawing board because of costs."

**Andy Storey, Freelance Producer**

"The SIS Caster offers a unique, compact, self contained outside broadcast end to end service for multi-platform work, with the potential for content providers to reach new audiences."

**Robert Gough, Head of Production Planning, North One Television**



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## SISCaster® HD

**Produce Anywhere**  
**Stream Everywhere**

SISCaster® HD is designed around the needs of modern producers to work as a 'one-stop' solution for programming. It covers live broadcasting, web streaming and mobile content delivery, opening up new opportunities for multi-platform event coverage.

SISCaster HD uses the latest self aligning VSAT satellite technology to offer unlimited streaming at a choice of bit rates to any server required. It also encodes edited clips or the live vision mixer output, using the on-board Windows Media, QuickTime, Real Player, iPhone and Flash encoders with multistream capability.

A full range of additional extras including graphics packages are also available.



## Features

- A powerful HD/SD vision mixer (Tricaster TCXD850) with DVE moves and mix/wipe effects via mixer panel or mouse operation
- Green screen, for virtual sets, facility built in
- On-board powerful lower third graphics
- On-board recording via inbuilt vision mixer with 36 hours recording time
- Up to three SD Panasonic P2 cameras, with digital wireless capacity
- 3 x HD or SD Panasonic P2 cameras, remote working using fibre system
- Tapeless recording on the cameras and within the system (3 x P2 Cards)
- Drag and drop video editing, replay and slow motion facilities within the system
- Import web video, AVI, Quicktime and Windows Media clips
- Full monitoring with integral two commentator system
- On-board satellite system with automatic satellite acquisition for IP connectivity and web streaming formats
- Full SD or HD SDI output
- DECT license free Talkback system, Camera T/B and Floor Manager T/B

## Benefits

- Fully UPS backed, can operate without a mains supply and features seamless power loss recovery
- Quickly connect and mix up to eight HD/SD cameras to provide full camera coverage of any venue
- Integrated character generator also allows remote control over show titles
- Virtual VTR can be played on cue for perfect cut ins every time
- Virtual VTR can be used to overlay scrolls, crawls, and motion titles
- HD virtual sets with 18 virtual sets on board
- 2 x DSK with independent effects with keying positioning, scaling, cropping and 3D rotation
- Record, broadcast and stream in either 4:3 or 16:9
- Multiformat live clip playback
- iVGA imports up to three displays, MAC or PC as inputs to your live production
- Separate streaming encoder (Inlet Spinnaker), supporting Flash, Windows Media and iPhone = multistream
- Stand alone audio mixer for up to 16 analogue audio inputs
- Simultaneously record Tx o/p .using onboard DDRs
- Non linear video editor on board

## Technical Specification

### Video Input

8 x Live Inputs  
Any combination of: HD-SDI, HD Component, SD-SDI, SD Component, Y/C (BNC) and Composite

### Audio Input

8 x 2 Balanced Analogue, line and mic level  
8 x 2 AES3/EBU  
8 x HD/SD SDI Embedded Phantom Power Option  
Audio Processing 32 bit 96kHz  
16 Channel audio mixer, audio levels conform to SMPTE RP-155

### Video Output

3 HD/SD Serial Digital Program out  
3 HD/SD Component Program out  
3 Composite Program out  
HDMI Output Aux VGA/DVI

### Audio Output

4 x Balanced Analogue  
4 x Balanced XLR (Auxiliary out)  
2 AES/EB  
3 SDI Embedded

### Video Ingest

1, 6-pin IEEE FireWire

### iVGA Input

1 Gigabit Ethernet network connection

### Tally

8 Tally Light Connections. TTL logic

### VTR

2 x DDR With 2 TB of storage  
4 x Removable Hard drives  
Simultaneously record of Transmission o /p  
Live webcasting  
Flash / Windows Media  
Push/pull + multistream capable

### Supported Formats

1080i59.94, 720p59.94,  
480i59.94 (16:9 and 4:3)  
1080i50, 720p50, 576i50 (4:3 and 16:9)