tightrope media systems

CABLECAST SX2HD
MULTI-FORMAT HD/SD MULTI-OUTPUT VIDEO SERVER

The Cablecast SX2HD video servers flat out perform. A multi-format video server, it will play out and encode a wide variety of HD and SD codecs. This beast has two output channels, one encoder channel, 18 useable terabytes of RAID5 storage and built-in channel branding.

WHY USE THE CABLECAST SX2HD?

- **Saves you time and Money** - Cablecast SX Video servers will play almost any format your producers submit. MPEG 2, WMV, H.264, AVI, DVCProHD, ProRes, no transcoding is necessary, just schedule and air.

- **Down-Converts HD to SD and Up-Converts SD to HD** - The Cablecast HD video servers will down-convert your HD files automatically for playout onto your SD cable channel, or up-convert your SD files for playout in HD.

- **Continual Promotion** – Cablecast automatically promotes your programs on your Carousel bulletin board, your web-site, in TV-Guide and in programming reports.

- **Integrated Video Overlays for Channel Branding** - A station bug for branding your channel. Bug text which you can run in a different corner simultaneously. And a super smooth crawl with both background and foreground graphics.

KEY FEATURES

- Two output channels and one encoder channel of SDI or HD-SDI with embedded audio and sixteen terabytes of usable storage included.

- Complete scheduling and automation with deck and device control

- Tightly integrated with Carousel to provide your community with weather forecasts, traffic cams, RSS feeds, community announcements, and other essential community information.

- Carousel also pulls the schedule from Cablecast to automatically generate "Coming up Next", "See it Again" and other promotional messages throughout the day.

- Free support for the life of the server.

SPECIFICATIONS

Network:	10/100/1000base-TX
Power:	100-240V AC, 50/60Hz
Power Consumption:	approx. 300w
Power Supply:	Redundant Power
Dimensions:	19" x 26" x 5.25" (3RU)
Weight:	83lbs. (Shipping)
Hard Disk:	18TB RAID5 - Content 500GB RAID1 - System
Video Inputs:	1 SDI / HD-SDI (BNC) (no analog video)
Audio Inputs:	1 Pair AES / EBU 1 Pair SDI stereo embedded (no analog audio)
Video Outputs:	2 SDI / HD-SDI (no analog video)
Audio Outputs:	2 Pair AES / EBU 2 Pair SDI stereo embedded (no analog audio)
Genlock:	Tri-Level Sync or Analog Blackburst
Encoding Formats:	SD: MPEG 2 IBP, MPEG 2 I-Frame, DVCAM, DVCPRO
	HD: MPEG 2 I-Frame & IBP, DVCPRO HD, ProRes (422LT, 422 and 422HQ)
Playback Formats:	SD: MPEG-2 IBP, MPEG 2 I-Frame, MPEG-4, H.264 (AAC audio only), AVI, DVCAM, DVCPRO, DVCPRO50, DV, IMX
	HD: MPEG-2 I-Frame & IBP, DVCPRO HD, H.264, XDCAM (SD, HD, HD422, EX), IMX, ProRes (422LT, 422, 422HQ, 422 Proxy)

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CBL-SX2HD-OCT2014