

# SONY



## **SRW5500**

**HDCAM SR/HDCAM dual format recorder-Full-Bandwidth, Multi-Frame Rate, High Definition Mastering VTR, with HDCAM and optional Digital Betacam Playback Compatibility**

List Price Not Available

### **Description**

The SRW-5500 is Sony's first dual format recorder. Switchable between Sony's HDCAM and HDCAM SR record formats, this new VTR provides an ideal solution for professionals requiring multi-format flexibility. With the additional ability to simultaneously produce HD and SD output, as well as playback and up-convert Digital Betacam recording, the SRW-5500 can rightfully be considered a technology bridge to the future. Capable of recording 23.98/24/25/29.97/ 30PsF, 1080/50i/59.94/60i, and 720/59.94P, the SRW-5500 was created to meet all common worldwide delivery requirements. The HDCAM SR format is capable of recording the gamut of HD frame/line rates in both 4:4:4 and 4:2:2 formats using the highly efficient MPEG-4 Studio Profile compression scheme. The SRW-5500 records HDCAM SR format video at 440 Mbps, 10 bit Log or linear, at 2.7:1 compression ratio in 4:2:2, and 4.2:1 compression ratio for 4:4:4. It can also record 12 channels of audio at 24-bit per sample resolution. HDCAM format recording offers the standard 4 channels of uncompressed audio. The optional HKSR-5001 Format Converter provides 3/2 pull down sequence for conversion of 23.98 or 24 fps recordings to 59.94 interlaced output. It also provides conversion of 1080 to 720/59.94P, and 720P to 1080. With the optional HKSR-5002 Digital Betacam decoder board, Digital Betacam tapes can be played back and up converted to either 1080i or 720/59.94P formats. The optional HKSR-5003 interface board allows for full bandwidth 4:4:4 RGB recording, via dual link HD SDI. RGB 4:4:4 recordings can be internally converted to 4:2:2 output via the HKSR 5001 format conversion board in real-time during record or playback.

### **Highlights**

- HDCAM SR and HDCAM recording
- MPEG 4 Studio Profile Compression
- 4:2:2 and 4:4:4 (optional) record capability
- 10 bit per sample video record capability - log or linear
- Records 1080 line (Interlace and/or Progressive) and 720 line Progressive images
- Records 12 channels of audio at 24 bits per sample

- Optional Digital Betacam playback
- Pre-Read Editing, Edit/Record Confidence Playback
- Records non audio AES/EBU data in audio tracks
- Internally routable audio outputs

## Features

### Feature

- HDCAM and HDCAM SR recording
- 4:4:4 RGB record capability in HDCAM SR format (optional HKSR-5003)
- 12 channels of audio

### Benefit

- Maximum flexibility in one machine to meet current and future HD demand.
- 4:4:4 recording is competitive with 2K data for high end archiving and digital intermediate workflows.
- Provides maximum benefit and flexibility to broadcasters and archivist that require more than 8 channels of audio for broadcast and DVD mastering.