

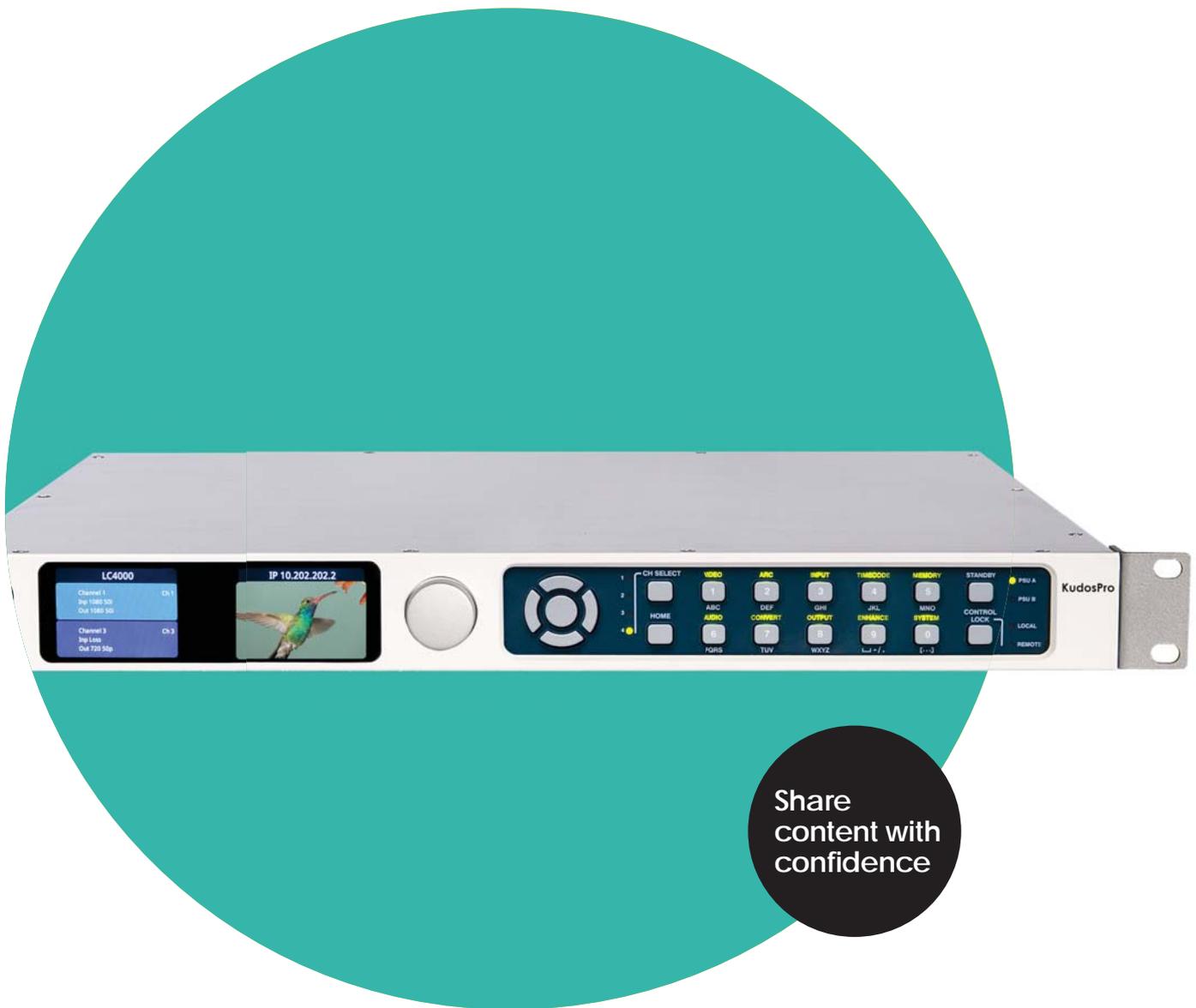
KudosPro & KudosPro-IQ

The Next-Generation Image Processing Platform



Snell
Advanced
Media

Single, dual and quad channel format and frame rate conversion



Share
content with
confidence

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Seven Great Models

KudosPro is ideal for high density production environments demanding the widest range of conversion

MC500, MC1000 and MC2000

Motion Compensated Standards Conversion

Motion compensated single channel (MC500 & MC1000) and dual channel (MC2000) SD/HD/3Gbps frame rate converter with motion adaptive up, down and cross conversion.

Affordable International Program Exchange

The superb standards conversion capabilities of MC500, MC1000 and MC2000 enable program makers and content owners to offer high quality material to world-wide customers, whilst keeping down project costs.

LC2000 and LC4000

Linear Motion Adaptive Standards Conversion

Dual channel (LC2000) and quad channel (LC4000) SD/HD/3Gbps linear frame rate converter with motion adaptive up, down and cross conversion.

High Density Conversion

Immediate and flexible selection of a wide range of digital and analog input and output formats, from SD up to 3Gbps.

SV2000 and SV4000

Linear Motion Adaptive Format Conversion

Dual channel (SV2000) and quad channel (SV4000) SD/HD/3Gbps motion adaptive up, down and cross conversion.

Saving Production Costs

Smoothly integrate mixed SD/HD/3Gbps produced content or incoming feeds ready for any outgoing transmission standard.



Work with up to
4 channels of SD
and HD content
simultaneously in
any form within
a single 1RU
enclosure



For further information on award-winning SAM products visit:

www.s-a-m.com

Whatever your signal processing needs, the KudosPro range delivers the high quality results you expect from SAM.

Supporting all broadcast formats, offering the widest range of I/O connectivity and delivering a complete processing toolkit KudosPro is a dependable solution for even the most unexpected situations. We like to think of them as our 'fix it' boxes.

High Density Plus!

Not only do KudosPro products offer high density conversion opportunities (up to 4 channels in a 1RU box), there's also the option to add up to two of SAM's IQ modules to further enhance the capability and functionality of your system, without impacting on facility space.

HD and Beyond

Viewers of SD and HD services can continue to watch their favorite programs, even with transitional 3Gbps, HD and SD production workflows, through the provision of the quality assured up, down and cross-conversion capabilities - ensuring valuable content assets remain viable for the long-term future in any format.

Flexible Workflows

Flexible, automated processing is another important capability within the KudosPro range. Sources can be switched between 3Gbps, HD and SD, and with all KudosPro products supporting automatic input detection, the most appropriate conversion mode can be immediately offered.

Full support for important metadata such as Closed Captions, timecode and AFDs is all provided as standard.

Simple and Intuitive Control

A simple web interface, as well as control via SAM's award winning RollCall software (free to download from the SAM web site), are available on all KudosPro products, enabling KudosPro to fit into any broadcast, playout or post-production workflow.

User control via simple front panel menus and short-cut buttons enables artistic decisions to be easily actioned, and the intuitive front panel display gives instant reassurance of the current system status.



Whatever your conversion needs, the KudosPro range offers superb quality results

All broadcast frame rates and formats are supported, ensuring great quality conversion for international content sources resulting in programs that look stunning, and give you an edge over competing channels.

Solves your format problems

The KudosPro range produces the consistent, high standard, 1080p, HD and SD pictures that viewers demand, with reliability and customer service expected from the SAM brand, and its years of experience in conversion and signal processing products.

Peace of mind

Rest assured that KudosPro is always ready to fix your signal problems, no matter how expected or unexpected they may be. The comprehensive feature set includes; audio delay/gain/shuffling, legalizer, user selectable aspect ratio conversion, logo insertion, side-bar keying, extensive picture enhancement tools and noise reduction.

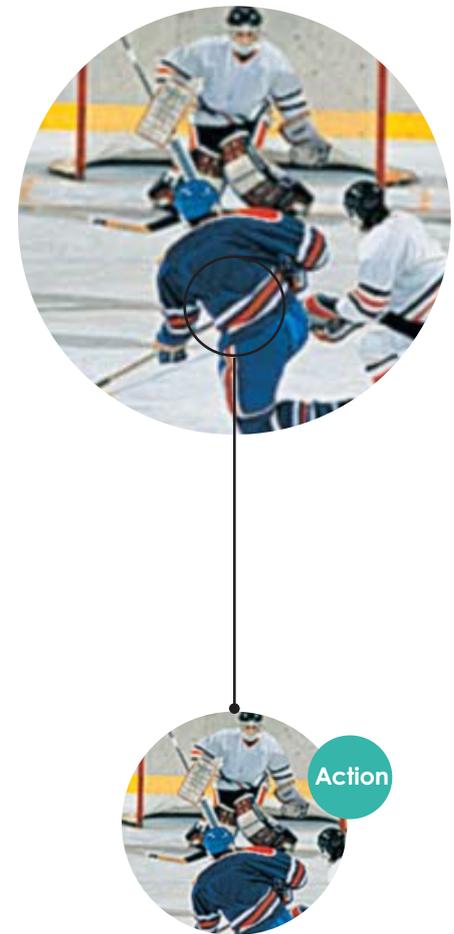
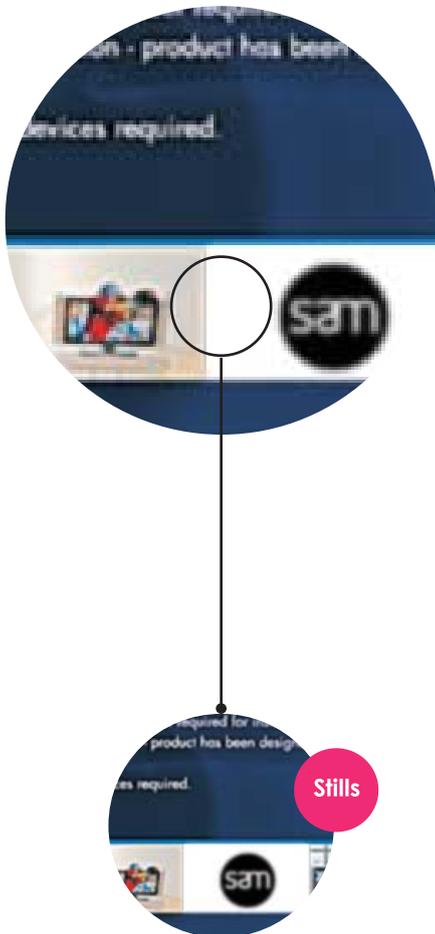
Ease of use

Integrating legacy and international programming into your schedules has never been easier. With SAM's KudosPro range of converters, you're guaranteed to find a converter to meet your application and budget needs. Whether you need to frame rate or format convert, SAM offers motion compensated and motion adaptive converters which ensure that the quality of your content is retained at every step in your workflow.

Other Products

KudosPro

Other Products



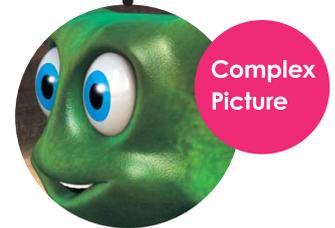
KudosPro



Other Products



KudosPro



Ideal for international program exchange, conversion, high density distribution and content repurposing for internet, TV and Blu-ray

Stills

KudosPro achieves maximum resolution preserving the fine detail in graphics and sharpness of text. Softness and lack of detail are typical artifacts which are seen in other products.

Action

In fast moving sports action, detail and definition around key parts of the images such as the ball or player are critical. KudosPro uses motion compensation to ensure full resolution and well defined motion. It is the only product that provides full resolution moving video images. Other products introduce blur and reduce resolution in moving areas.

Complex pictures

A typical program output comprises many components such as station branding, credit rolls and video or animation. KudosPro handles all of these simultaneously without compromise. Other products cannot handle these types simultaneously. Image quality will be compromised.

Ease of Control

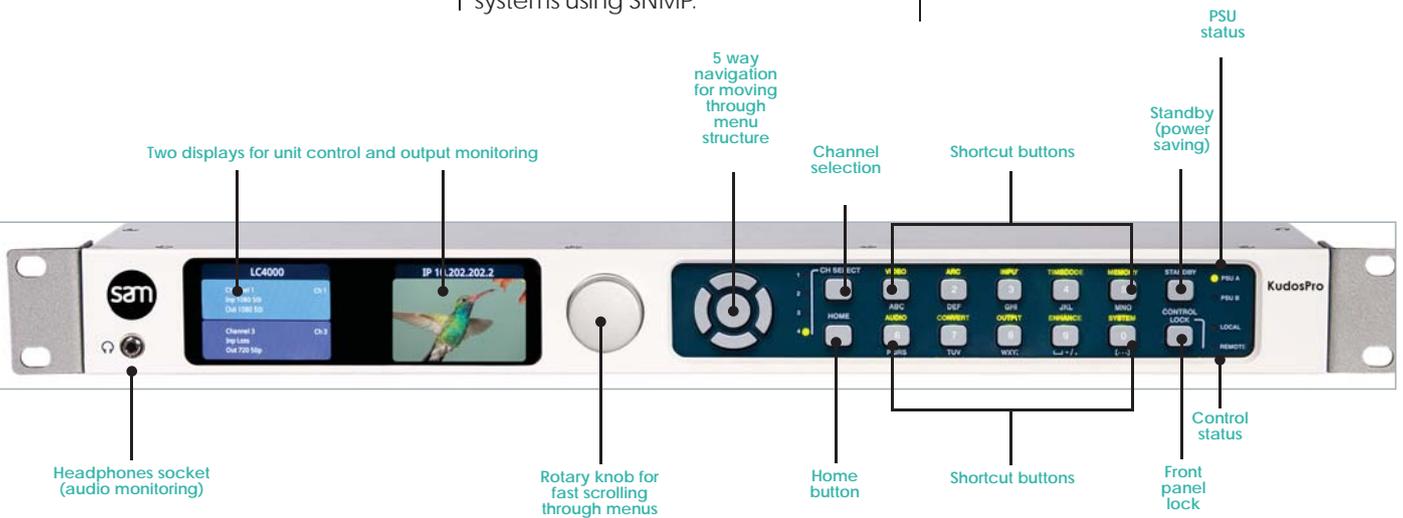
Control is offered from the attractive and user-friendly front panel as well as a simple web interface. For large system users, SAM offers a free control application (RollCall).

Front Panel Control

User control via simple front panel menus and short-cut buttons enables artistic decisions to be easily actioned, while the intuitive front panel display gives instant reassurance of the current system status.

Remote Control

PC Windows or Mac control using a web browser or Rollcall control panel (SAM's proprietary control and monitoring application) are also available. Alternatively integrate into enterprise wide control & monitoring systems using SNMP.



KudosPro offers the widest range of I/O connectivity and delivers a complete processing toolkit.

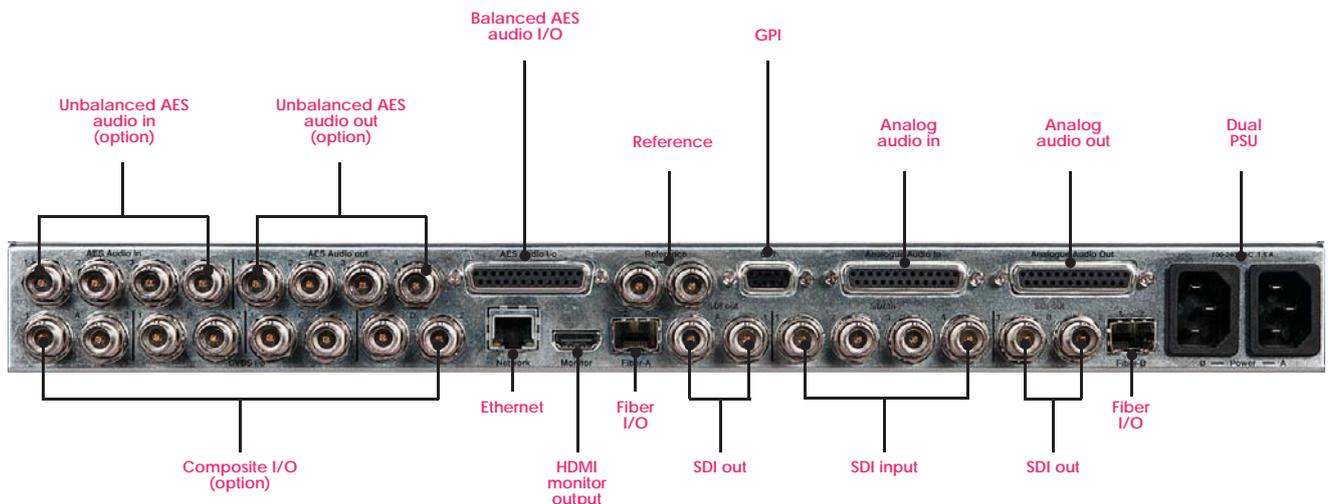
The KudosPro range has an array of digital and analog interfaces encompassing video formats from composite to 1080p, copper to fiber and a comprehensive selection of audio handling options and formats including; Analog, AES balanced and unbalanced and Dolby(R).

Audio I/O

AES I/O is available as balanced or unbalanced, providing complete flexibility no matter what environment you're in. Analog audio can be embedded and de-embedded into SD/HD/3Gbps.

Video I/O

With both SDI and analog composite video interfaces, KudosPro is a completely flexible platform, handling SD, HD and 1080p over SDI or fiber.



Not only do KudosPro products offer high quality, affordable conversion within a compact enclosure. They also offer single, dual and quad channel conversion and frame synchronization capability, all within 1RU, making KudosPro ideal for high density production environments demanding the widest range of conversion possibilities - now and into the future.

Whatever your conversion needs and budget, SAM has the answer

Convert from any SD, HD, 3Gbps standard to any other SD, HD, 3Gbps 1080p standard. Including; 1080 and 720 23/24/25/29p and psf. Create simultaneous HD and SD outputs from one input source (not applicable to MC1000). Choose from linear motion adaptive format conversion through to motion compensated standards conversion. Or select frame synchronization and relay bypass on primary SDI inputs.

Powerful picture enhancement tools

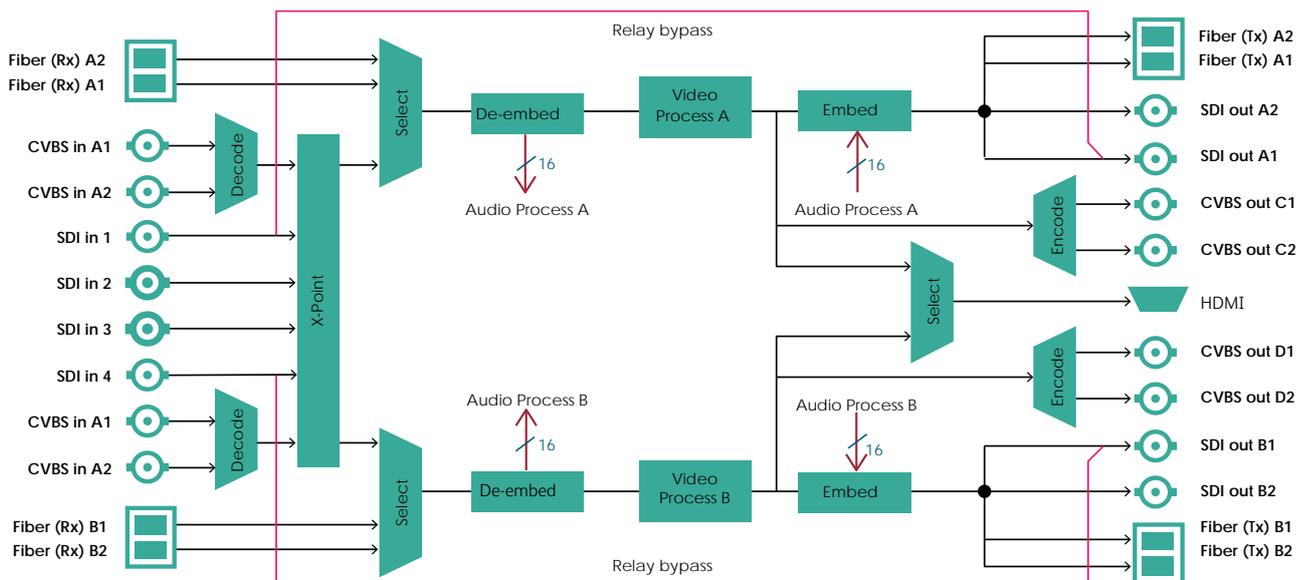
- Noise reducer
- Enhancer
- Legalizer
- Proc Amp

Additional video processing features inc.

- Logo insertion (one per channel)
- Side-bar keying
- Multi-line WST, closed caption and AFD aspect ratio conversion features

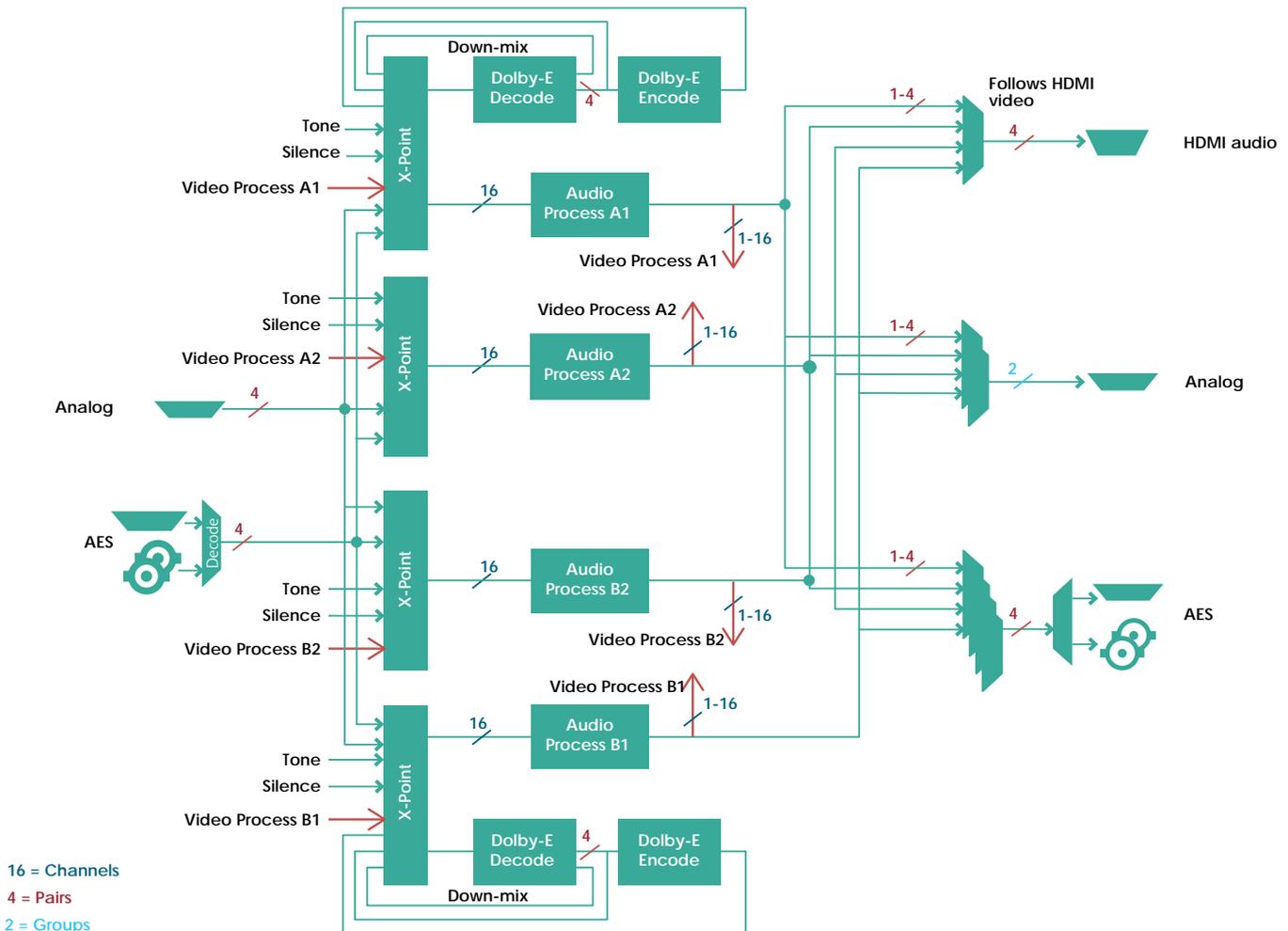
Up to 16-channels of embedded audio processing are available for each video channel including Dolby®E guard-band alignment. Audio handling options include; audio embedding, audio disembedding, audio gain, audio delay, audio shuffle and audio swap.

MC2000 Video Processing





SV4000 / LC4000 Audio Processing - with optional Dolby-E processing



Applications

OB Truck / Studio

Work with up to 4 channels of SD and HD content simultaneously in any form within a single 1RU enclosure. KudosPro adapts with you, and on demand, because we recognize that no two events are ever the same.

Post/Facility Production

From 23.98,24,25 to 50p and 60p KudosPro converts seamlessly between all international standards with the quality you'd expect from SAM, at an incredibly affordable price point.

Company policy is one of continuous product improvement. Specifications are therefore provisional and subject to change without notice.
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Ingest

Handle multiple channels within the 1RU high density design for use in front of our ingest servers, bringing content into your house format - no matter what format it is originally received / stored in. KudosPro quickly "fixes" audio & video problems, plus Dolby decoding.

Hire

Never really know what your clients are going to ask for? Don't worry. KudosPro has complete analog and digital flexibility from analog audio to Dolby® E and composite to 1080p 3Gbps. Plus the user interface is simple and intuitive so you won't have call's asking how to set up and use the unit(s).

Satellite, Head-End Application

Remote control and monitoring and dual PSUs give you the reliability and peace of mind critical for remote locations.

