PESA

WHEN AUDIO AND VIDEO ARE MISSION CRITICAL
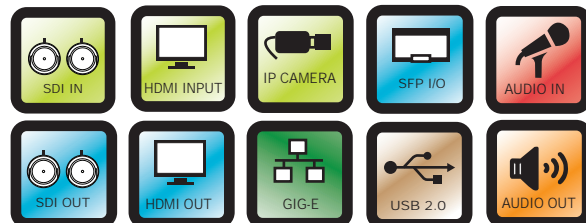
PESA XSTREAM C22

Encode/Decode
Streaming System

Compact and configurable audio and video streaming

PESA expands the PESA XSTREAM family of multi-channel HD IP streaming devices with the PESA XSTREAM C22. This compact streaming system may be configured as a two port encoder, a two port decoder, or with one port of each. The hardware design includes a variety of input and output options for stand alone applications or as part of larger hybrid broadcast systems. In addition to the local SDI and HDMI input and output options, the SFP cage gives users other analog and digital I/O configuration options based on the environment or system requirements. When multiple units are used the PESA XSTREAM C22 allows audio and video professionals to compress, stream, and share high quality content between locations and enable streaming in existing video distribution systems.

In addition to the encoding and decoding features the PESA XSTREAM C22 also includes local signal/format conversion when needed. When configured to encode and stream out two local inputs, the PESA XSTREAM C22 can also convert those original input sources to different formats/signals to route or display locally.

SDI IN	HDMI INPUT	IP CAMERA	SFP I/O	AUDIO IN
SDI OUT	HDMI OUT	GIG-E	USB 2.0	AUDIO OUT

Built to perform

Video Genlock
Video signals can be locked to an external source of sync reference for perfect, "glitch-free" video switching in broadcast and pro AV applications.

Configurable and Flexible I/O
The PESA XSTREAM C22 includes several local ports and optional SFP modules are available to expand the connection options available.

Local signal/format conversion
Local inputs may also be converted into a variety of outputs for local display or for other routing and distribution options.

Web Browser Management and Control
Integrated Web Server allowing for full remote capability. No personnel required on site for streaming content to a production facility.

Encode and/or Decode
Configure the PESA XSTREAM C22 to encode two inputs into IP streams, decode two IP streams into local outputs, or do both and select one encode/one decode.

LCD Display
The local display and navigation makes it easy to view configuration information including the IP address assigned to the hardware.

XSTREAM fits these and many other applications

JUSTICE / GOVERNMENT
* Automated court recording
* Depositions
* Interrogation
* Forensics
* Crime Scene
* VTC
* Legislative Sessions

ASSET PROTECTION
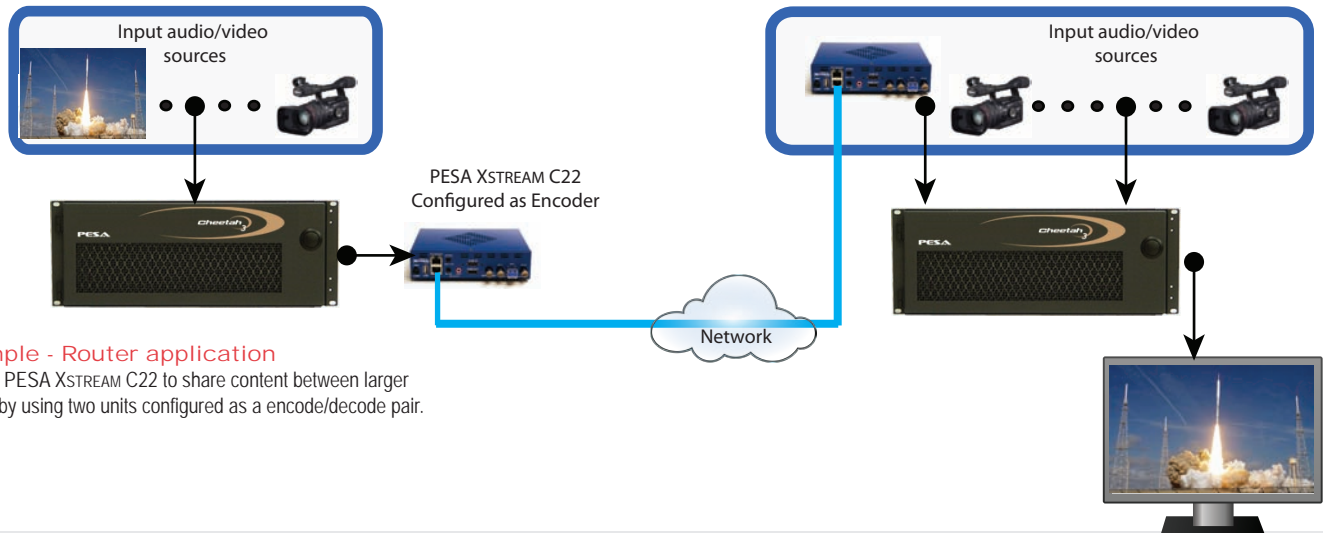* Emergency Management
* Bank Security
* First Responders
* Casino Security
* Prison Security

ENTERTAINMENT/SPORTS
* Broadcast Webcastinig
* Sporting Events
* Staging and Rental Events
* News Gathering
* Mobile Production/ENG/OB Vans

MEDICAL / EDUCATION
* Video on Demand
* Distributed Learning / MOOC
* Operating Rooms
* Telemedicine
* Virtual Classrooms

PESA XSTREAM C22
Configured as Decoder

Input audio/video sources

PESA XSTREAM C22
Configured as Encoder

Network

Example - Router application
Use the PESA XSTREAM C22 to share content between larger routers by using two units configured as a encode/decode pair.

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Specifications subject to change without notice.

Learn more at www.pesaxstream.com