service integrity
signal integrity
remote monitoring

Pelican Video Encoder

INTRODUCTION

Pelican Video Systems, by Pixelmetrix, presents the latest evolution of compact, affordable video encoders. Supporting H.264 and MPEG-2, the Pelican family supports from low resolution "streaming" quality all the way up to 1080p high definition. Configuration and set up is a snap via a straightforward web GUI – allowing even non-technical personnel to get up and running without delay.

Built on a robust embedded Linux engine, remote update and upgrade means new features are as easy as a quick download.

PELICAN ANALOG
PELICAN SD-SDI
PELICAN HD-SDI

KEY FEATURES

- Standard H.264 & MPEG-2
- Analog, SD-SDI and HD-SDI
- Low latency
- Simple Web GUI
- Ultra low power consumption
- Portable or Rack mount
- Remote software upgrade

EASY WEB GUI
SIMPLE TO SET UP
SIMPLE TO USE

SPECIFICATIONS

COMMON FEATURES

Video
- Formats: H.264 BP & MP, MPEG-2
- Resolution: 320x180 to 1080p30 and 720p60
- Frame Rate: 10, 15, 30, 8.33, 12.5, 25 fps
- GOP size: 15, 30, 60, 120 and 240 frames

Audio
- Analog stereo
- Balanced mini-XLR left & right
- AAC-LC ADTS, AAC-LC LATM, AAC-HE ADTS, AAC-HE LATM, PCM, MP3
- 64, 96, 128 or 192 kbps

Output
- MPEG-2 TS with RTP Encapsulation

Pelican Analog
- Composite Input
- BNC Video Connector
- Balanced mini-XLR left & right audio

Pelican SD-SDI
- SD Video Only
- SDI Input
- SDI Embedded audio (CH1) via video BNC connector
- Balanced stereo audio via mini-XLR
- Selectable audio input source (mini-XLR or embedded)

Pelican HD-SDI
- HD-SDI Input
- BNC Video Connector
- SD and HD
- Balanced stereo audio via mini-XLR
- Selectable audio input source (mini-XLR or embedded)

Power
- 6 to 24V DC
- Pixelmetrix "mini-DIN" power connector

Dimensions
- 100W x 40H x 150D mm

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Government & Military

Many branches of goverment require robust yet economical remote video solutions for numerous applications.

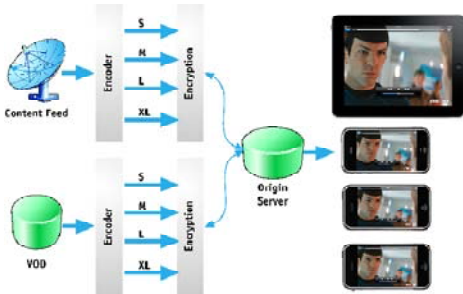Whether it is for surveillance, security, or getting council proceedings to the masses, Pelican is an ideal choice.

House of Worship

As audio and video production techniques for House of Worship applications now rival the capabilities of high-end television production studios, many congregations choose to expand to multiple locations in order to keep the congregation a manageable size.

Pelican, combined with the Pixelmetrix DVStor recording and playout system, makes it easy to get the message out to remote sites while letting the central and remote sites maintain independent schedules.

News Gathering

Breaking news can happen anywhere, anytime, and getting it on the air quickly is vital. Current solutions are either expensive but high quality (that is, satellite SNG) or low cost but low quality (such as Skype over 3G cell phone connection).

The latest trend is to set up dedicated, internet connections to where news happen often – at the courthouse, airport, university or seat of local government. Upon arrival, the crew only needs to plug Pelican's Ethernet output into the wall and they are on the air!

Streaming Broadcast

Multi-screen delivery, over-the-top and streaming media are possibly the fastest growing segments of the television world today – with content owners, professional broadcasters, public bodies and private companies all wanting to get their content out there.

High-density Pelican Rack, fitted with any combination of SD and HD encoders, is an excellent way to get started with OTT without the risk of a huge financial investment.

Medical & Healthcare

Better patient entertainment systems, remote consultation and collaboration, diagnostic imaging and integration with patient information systems, can all enhance the quality of healthcare.

Pelican, linked with the DVStor, facilitates archival of the entire medical procedures for months or years for legal compliance, or reference for training purposes.

Hospitality

All segments of the hospitality industry – from hotels, cruise liners, to resorts – are demanding higher quality entertainment. Simple SD television with a few pay channels is no longer enough. These days, it just must be full HD, or nothing.

Pelican-HD is easy to integrate with new or existing systems, and provides high quality video without adding unnecessary complexity to your installation.

Distributor Contact

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corporation

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