1, 4, or 8 Channels

HDMI or SDI Inputs

Overview

The SCORPION IPTV appliance is a single or dedicated multichannel audio/video live streaming encoder system. It is intended for continuous streaming of live video sources for conventional "IPTV" delivery of television or other content in an enterprise network.

The SCORPION is available as a stand-alone single channel unit or as a 19" rack system supporting up to 8 channels in a 1U chassis. Each encoder supports HDMI or SDI video, and 3.5 mm analog audio input, as well as H264/AAC-LC encoding and streaming RTMP/RTSP/HLS/UDP up to 1920x1080p. Each encoder has its own Ethernet connection to help reduce potential bandwidth issues and eliminates single point of failure.

Quality

The encoders deliver high quality HD video streams up to 1080p. Thanks to rate control, multiple profiles and levels, the encoders can deliver great HD quality even at rates below 1 Mbps per channel.

Easy and Flexible

Each channel is configured from a user-friendly built-in web interface, with bit rate, frame rate, key frame period, output destination and similar changes made "on-the-fly."

OSD

The encoders support "On Screen Display," to allow the insertion of optional text or images into the encoded stream.

Multiple Bit Rates

Each channel supports one or two streams, each at its own independent bit rate and resolution. This is ideal for supporting higher bandwidth local services and lower bandwidth cellular and mobile applications without needing intermediate transcoding.

Ideal For

- Television Distribution in enterprises of any size
  - » Schools, K-12, Higher Ed
  - » Corporate, Financial, Healthcare & Government
- Security and Monitoring
- Continuous video streaming
- Internet Web Streaming

System Integration

- DEVOS™ System
- Arcus™ Streaming Service
- Spider™ 4-channel streaming and recording appliance
- SignStick® Digital Signage
- StreamPump® Stream Replicator
- Venue Stream Mirroring Appliance
- Channel Program Guide

Specifications

Model	Scorpion-1, Scorpion-4, Scorpion-8
Input	HDMI with embedded audio HDMI with separate audio on 3.5mm input SDI with embedded audio 1920x1080p, 1920x1080i,1280x720p
Output	Live stream via IP on each of 8 Ethernet ports H.264, Baseline, Main, High Up to 1080p Frame Rate 30/60 AAC-LC audio 64 – 384 kbps, 32kHz – 48kHz HTTP, RTSP, RTMP, HLS, UDP multicast/unicast
Power	110/220 VAC, <40W
Temp	-20C to +50C, <90% non-condensing humidity