

## Overview

The Spider is a 5-Channel encoder with four audio/video inputs. Each encoder can independently stream and/or record. The inputs can also be sent to the built-in program encoder that can switch or assemble the inputs into an on-the-fly picture-in-picture output stream and/or recording.

## Lecture Capture and More

The program output encoder streams and/or records your video. Choose input 1 to 4 or one of the several side by side or picture in picture templates. Elegant fade or cut between inputs and templates

## Stream and Record

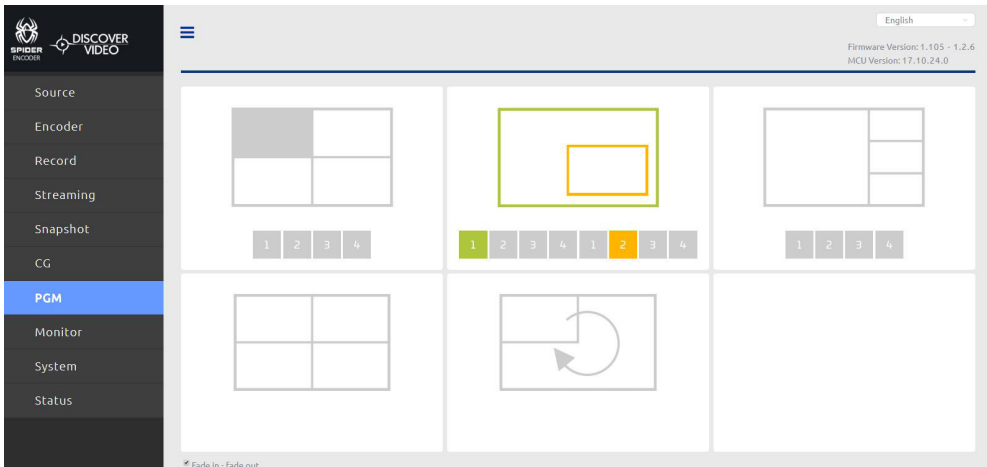
Spider streams in industry standard H.264 format, compatible with DEVOS, Arcus, and most 3rd party streaming servers and services. Very flexible encoder settings allow you to tune your settings to your needs. Each of the five encoders also support a secondary stream, providing ABR for bandwidth-challenged and mobile viewers.

## Receive Streams

In addition to physical HDMI inputs, Spider can receive live IP streams and act as a decoder. You can mix local audio/video inputs with received IP Streams and present them as switched program output.

## Benefits

- Low Cost Per Channel
- Stream and capture each video independently plus program output
- Automatic publishing
- Desktop and mobile viewing
- Secure, authenticated delivery
- Full remote control via DEVOS or ARCUS

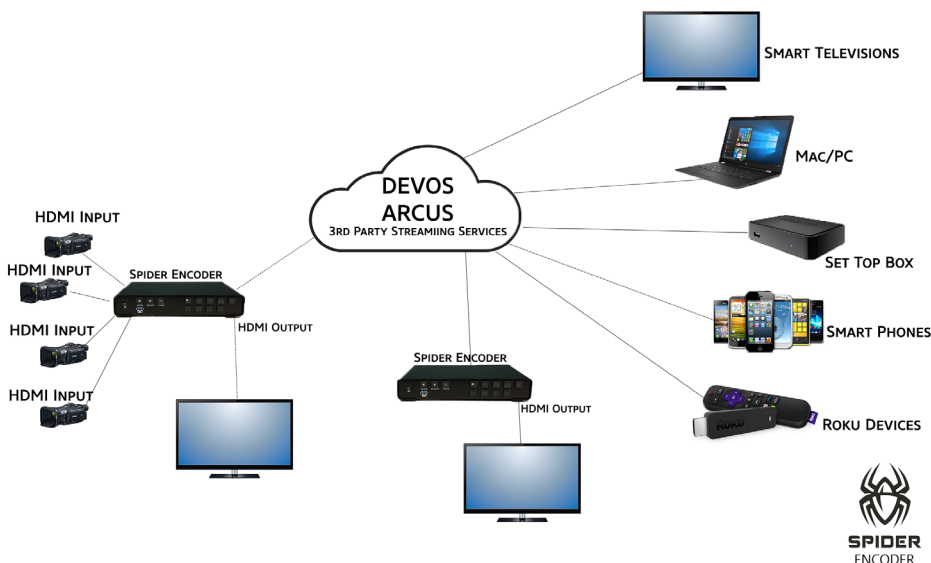


## System Specifications

- **Max FPS-** 1920x1080p@300fps (4 HDMI inputs + Program)
- **Compression-** Hardware H264 video, Baseline/Main/High at rates up to 64Mbps, Audio AAC-LC 32Kbps-384Kbps 48kHz 16 bit
- **Inputs-** 4 HDMI, 3 x 3.5mm audio mini-jack
- **Output-** 1HDMI Multiview or Program, 1 HDMI Program, 1 3.5mm audio mini-jack
- **Resolution-** Input:1920x1080 (P60/P50/P30/P25/P24/i60/i50) 1280x720 (P60/P50), 1280x1024 (P60), 1280x960 (P60), 1024x768 (P60), 800x600 (P60), 720X480 (P60/i60), 640x480 (P60), 720x576 (P50/i50), Output: Resize Range from 160x120 to 1920x1080 (P60)
- **Streaming Protocols-** RTMP Push, RTSP UDP/TCP, TS UDP Multicast, HLS
- **Management-** Web UI, DEVOS control integration
- **Ports-** 2x USB 2.0 for keyboard/mouse option; 1x USB 3.0 for recording storage
- **Switches-** Power, Record, Stream, Snapshot, Full View, Quad View, Picture by Picture, Picture-In-Picture, Program, Full Screen 1, 2, 3, 4
- **Recording Mode-** MP4, TS, AVI, MOV
- **Power-** 12 VDC/2A; Power Supply 110/220 VAC, 20W

## Companion Products

- DEVOS
- ARCUS
- Set Top Box



For more information on any of our products or services please visit us on the Web at:

[www.discovervideo.com](http://www.discovervideo.com)

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REV 06 2018

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