

DISCOVERVIDEO ENCODER SELECTION GUIDE

SPECS	Streamsie PC/Mac	OBS Plugin PC/Mac	Streamsie iOS	Mantis	Spider	Scorpion	Spirit
<b>Applications</b>	Produce live events, seminars, lectures, meetings	Produce live events, seminars, lectures, meetings	Mobile streaming & recording	Event Broadcasting	Produce live events, seminars, lectures, meetings	Produce live events, seminars, lectures, meetings	Produce live events, seminars, lectures, meetings
<b>Live Streaming &amp; Live Recording</b>	YES	YES	YES	YES	YES	Live Streaming Only	YES
<b>Lecture Capture</b>	YES	YES	NO	YES	YES	NO	YES
<b>Stream Duration</b>	Event Based	Event Based	Event Based	Events or 24/7 Continuous	Events or 24/7 Continuous	Events or 24/7 Continuous	Event Based
<b>Output Streams</b>	1	1	1	1	4 plus Program	1, 4 or 8	1
<b>Rate per Channel</b>	1	1	1	2 rates/channel	2 rates/channel	2 rates/channel	1
<b>Inputs</b>	<ul style="list-style-type: none"> <li>• Webcam</li> <li>• Desktop</li> <li>• HDMI</li> <li>• VGA</li> <li>• Composite via MISO USB</li> </ul>	<ul style="list-style-type: none"> <li>• Webcam</li> <li>• Desktop</li> <li>• HDMI</li> <li>• VGA</li> <li>• Composite via MISO USB</li> </ul>	<ul style="list-style-type: none"> <li>• iPhone / iPad camera</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI</li> <li>• VGA/DVI/SDI</li> <li>• Composite via MISO USB</li> <li>• Embedded or analog audio</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI</li> <li>• Embedded or analog audio</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI</li> <li>• Embedded or analog audio</li> </ul>	<ul style="list-style-type: none"> <li>• HDMI</li> <li>• Component</li> <li>• Composite</li> <li>• VGA/DVI/SDI</li> </ul>
<b>Schedule/ Remote Control</b>	YES	YES	NO	YES	YES	YES	YES
<b>Cell Phone Mobile</b>	NO	NO	YES	YES	NO	NO	NO
<b>IPTV &amp; TV Distribution</b>	NO	NO	NO	YES	YES	YES	NO
<b>Type</b>	Software	Software	Software	Hardware Appliance	Hardware Appliance	Hardware 19" Rack Unit or Small Appliance	Hardware PC Only

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### Recommendations

- Use the Scorpion IPTV encoders for TV Distribution and similar uses. Recording of the live stream is supported by the DEVOS, DVExpress, Stinger, and similar DiscoverVideo systems.
- Streamsie PC, Streamsie Mac, Streamsie iOS, and OBS Plugin for PC and Mac may be freely downloaded and used, however each may require a streaming account. Accounts for DiscoverVideo servers (e.g. DEVOS) may be purchased at any time. Streamsie and OBS may be remotely controlled and scheduled from DEVOS.
- Spider is ideal for Lecture Capture and for multiple video source (e.g. camera, PC screens, etc.) production. Spider supports four inputs and each input has its own independent stream, plus Spider supports a combined (PiP) or switched output stream.
- Mantis is perfect for simple live and/or recording of events, announcements, lectures, or where a multiple video source production switcher is already employed. Mantis may be remotely controlled and scheduled from DEVOS.
- Most 3rd party live streaming encoders may be used with DEVOS and Arcus if they support H264/AAC-LC and rtmp or rtsp.
- “Netcams” may be used with DEVOS using rtsp pull. Arcus does not currently support pulling audio/video via rtsp.
- Spider supports rtsp input stream from most 3<sup>rd</sup> party NetCams or other sources.
- Use the lowest bit rate, resolution, and frame rate that produces an acceptable result to avoid wasting bandwidth.