

Solution Brief

Cam STREAM

Content Acquisition Package for Single- or Dual-Camera Live Production and Streaming

The ability to produce high-quality video content and stream it live opens new doors for content creators. It not only allows you to reach a much broader audience, it also allows you to grow your brand and monetize your content. But a lack of experience with production hardware and delivering content over the internet, along with the need to control costs, can severely limit your ability to achieve these goals. The Cam STREAM content acquisition solution from CP Communications changes the equation in your favor, allowing you to produce and stream live video simply and cost-effectively.



Solution Highlights

- Fast, easy setup by a single technician
- Small footprint
- Remote configuration and monitoring
- Up to 1080p resolution and professional-quality audio
- Either hard wire or bonded cellular connectivity — or both
- Stream directly to Facebook, YouTube or any URL
- Inexpensive to rent or purchase

Part of CP Communications' family of Red House Streaming STREAM packages, Cam STREAM enables single- or dual-camera acquisition with streaming support over Ethernet, Wi-Fi and bonded cellular networks, assuring connectivity from virtually any location. The plug-and-play solution eliminates the need to assemble systems across multiple vendors and service providers, allowing for rapid deployment in the field and greatly easing setup — while also reducing costs.

Designed for traditional video production and live streaming, Cam STREAM offers true broadcast-quality video at resolutions up to 1080p with up to 16 channels of professional audio. The system is built around a Sony SRG-360SHE HD PTZ camera and Mobile Viewpoint (MVP) encoding and decoding technology. Remote camera control and shading, enabled through a browser-based interface, which can be accessed locally or remotely through an MVP TerraLink Mini encoder, reduces the need to hire a camera crew while ensuring coverage with virtually any shot or camera angle.

The base package includes SIM cards and 20GB of cellular data, along with standard accessories such as cables and batteries. Also included is a Ubiquiti Networks UniFi 16-port PoE switch and a power conditioner, allowing the entire acquisition system (exclusive of camera, camera mounting and accessories) to fit in an 8RU case. An optional MVP Playback 2K4 decoder comes in a 4RU case that also includes audio dis-embedding and power conditioning.

Cam STREAM is an ideal solution for corporate meetings, AV installations, distance learning, worship services, video and radio podcasting, webinars, modest TV studio productions and the streaming of many other types of live events.

Cam STREAM Content Acquisition Package

For more complex production requirements, the RHS Multicam STREAM and Production STREAM content-acquisition packages offer more powerful yet equally cost-efficient solutions, including support for up to seven cameras. All three STREAM packages are available for purchase or rent.

System Features

- Accommodates one or two cameras or other video sources
- SD/HD/NDI input
- Stream directly to major online platforms (i.e., Facebook, YouTube) via MVP LinkMatrix controller, or decode SD/HDI from playout server (or both)
- Plug and play setup with remote camera management
- Up to eight channels of audio with each video feed
- H.264 or H.265 VBR or CBR encoding
- Cellular and wired connectivity from a single system

Package Components

- Sony SRG-360SHE HD PTZ remote camera
- Sony PMW-400K HD XDCAM camcorder (optional)
- MVP TerraLink Mini H.265 live-streaming IP encoder with eight 3G/4G modems
- MVP Playout 2K4 decoder
- Eight-channel analog audio embedder/disembedder
- PreSonus StudioLive 16R digital audio mixer
- Ubiquiti Networks UniFi 16-port PoE switch

About CP Communications

CP Communications is a leading provider of live broadcast solutions for premium sports, entertainment, corporate, news and other live events. The company's solutions feature innovative technologies for wireless audio and video content acquisition, as well as access to an Emmy-winning team of experienced professionals. For three decades running, CP has serviced a wide range of clients including major broadcasters, sports leagues and teams, and event and production companies.

Specifications

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| Number of Cases | Four: <ul style="list-style-type: none">• Camera• Accessories• Encoder• Playout |
| Video Resolutions | 1080/59.94p, 50p 1080/59.94i, 50i 720/59.94p, 50p |
| Output Formats | RTSP, RTMP, HLS, SRT |
| IP Streaming Formats | RTSP, RTMP, TS/UDP |
| Audio Channels | 16 (2x 8 streams, embedded) |
| IP Audio Output | AAC LC |
| Connectivity | LAN, Wi-Fi, bonded cellular |



Cam STREAM playout case



Sony SRG-360SHE PTZ camera



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