

Xstream Engine

Xstream Engine2™ Video Encoding and Media Streaming Appliance

High performance 1U rackmount & small form factor designs

With multi-channel encoding and streaming power in a choice of compact enclosures, Xstream Engine2 is designed for performance, serviceability, and easy integration into a wide range of media broadcast environments.

Streamlined Broadcast Management

Xstream Engine2 enhances multiple stream management through rapid configuration of streaming profiles including real-time monitoring.

Comprehensive service and support

All of our Xstream Engine2 products come with a 12 month hardware replacement warranty. To ensure rapid resolution for your streaming appliance deployments, choose from a full range of Winnov Support plans designed to provide expert support – with only one number to call.

Streaming content over the Internet has just become a whole lot easier.

In today's marketplace, broadcasters and content producers are constantly pressured to offer more channel choices while keeping costs down. Broadcasters, CDN's, educational institutions, and enterprises across the globe rely on Xstream Engine2 to deliver reliable multi-channel, live and on demand audio/video streaming solutions.

Xstream Engine2 is a workhorse designed to continuously encode and stream audio and video content on a 24/7/365 basis. It can capture and stream up to four channels of audio and video at full standard definition resolution. Choose from eight composite, four S-video and four balanced stereo audio inputs. Xstream Engine2 guarantees no dropped frames or pixels with near-perfect audio synchronization.

Xstream Engine2 is the only line of streaming appliances that include an auto scheduler with a web-based user interface for remote configuring, stream monitoring and operator control. Its 1U form factor makes Xstream Engine2 to integrate into an existing server array. The advanced Xstream Engine2 is capable of unlimited scalability. By combining up to four encoders into a single appliance, Xstream Engine2 not only provides high ROI by driving down per-channel costs, but also delivers the most powerful video streaming technology available.



Key Features

Feature rich event schedule

Create calendars to automatically broadcast, archive, and publish events.

Multi-system, multi-stream architecture

Remote or local control unlimited number of encoding systems for simultaneous encoding and archival.

Multi-bit stream capability

Accommodate multiple viewer bandwidth demands in the same stream profile with various video sizes, frame rates, video quality and audio formats.

Live audio and video preview

Monitor real-time effects of audio and video adjustments made to streams.

Video processing for each channel

Deinterlacing and inverse-telecine ensure a high quality image.

Stream customization

Easy to manage closed-captioning and graphic overlay functionality.

Push and pull content delivery

Support push and pull capabilities to accommodate any streaming condition.

For More Information

For more information about Xstream Engine2 QuadCaster MC, the Xstream Engine2 family of products, and other Winnov encoding & streaming solutions, visit www.winnov.com/products.

Xstream Engine2 EZ Technical Specifications

Capture	Video Format	NTSC or PAL
	Video Connectivity	BNC
	Audio Connectivity	XLR, ¼ " Phono
Streaming	Formats	MS WM9, MS MPEG-4, RealVideo
	Video Capture Signal	4 composite or 2 S-video
	Audio Capture Signal	2 balanced/unbalanced line level
	Sampling Streaming Configurations	Up to 2 WM9 640x480, 30fps
	Channels at Full SD Resolution	2
	Multicast Capability	No

Xstream Engine2 TwinTurbo Technical Specifications

Capture	Video Format	NTSC or PAL
	Video Connectivity	BNC
	Audio Connectivity	XLR, ¼ " Phono
Streaming	Formats	MS WM9, MS MPEG-4, RealVideo
	Video Capture Signal	4 composite or 2 S-video
	Audio Capture Signal	2 balanced/unbalanced line level
	Sampling Streaming Configurations	Up to 2 WM9 640x480, 30fps, 2 WM9 320x240
	Channels at Full SD Resolution	2
	Multicast Capability	No

Xstream Engine2 QuadCaster MC Technical Specifications

Capture	Video Format	NTSC or PAL
	Video Connectivity	BNC
	Audio Connectivity	XLR, ¼ " Phono
Streaming	Formats	MS WM9, MS MPEG-4, RealVideo®
	Video Capture Signal	8 composite or 4 S-video
	Audio Capture Signal	4 balanced/unbalanced line level
	Sampling Streaming Configurations	Up to 4 WM9 640x480, 30fps
	Channels at Full SD Resolution	4
	Multicast Capability	Yes

Xstream Engine2 PowerCaster MC Technical Specifications

Capture	Video Format	NTSC or PAL
	Video Connectivity	BNC
	Audio Connectivity	XLR, ¼ " Phono
Streaming	Formats	MS WM9, MS MPEG-4, RealVideo®
	Video Capture Signal	16 composite or 8 S-video
	Audio Capture Signal	6 balanced/unbalanced line level
	Sampling Streaming Configurations	Up to 6 WM9 640x480, 30fps
	Channels at Full SD Resolution	6
	Multicast Capability	Yes

Xstream Engine2 PowerCaster MCHP Technical Specifications

Capture	Video Format	NTSC or PAL
	Video Connectivity	BNC
	Audio Connectivity	XLR, ¼ " Phono
Streaming	Formats	MS WM9, MS MPEG-4, RealVideo
	Video Capture Signal	16 composite or 8 S-video
	Audio Capture Signal	8 balanced/unbalanced line level
	Sampling Streaming Configurations	Up to 8 WM9 640x480, 30fps
	Channels at Full SD Resolution	8
	Multicast Capability	Yes