



## Xstream Engine TwinTurbo

### Xstream Engine2™ TwinTurbo Video Encoding and Media Streaming Appliance

#### High performance 1U rackmount design

With multi-channel encoding and streaming power in a compact 1U enclosure, Xstream Engine2 TwinTurbo is designed for performance, serviceability, and easy integration into a wide range of media broadcast environments.

#### Streamlined Broadcast Management

Xstream Engine2 TwinTurbo 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 more affordable.

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 TwinTurbo 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 two channels of audio and video at full standard definition resolution. Choose from four composite, two S-video and two balanced stereo audio inputs. TwinTurbo guarantees reliable performance with no dropped frames or pixels and near-perfect audio synchronization.

Its 1U form factor allows for easy integration into an existing server array. An integrated auto scheduler and a web-based user interface allows for remote configuring, stream monitoring and operator control. The advanced Xstream Engine2 TwinTurbo allows for unlimited scalability. By combining encoders into a single appliance, TwinTurbo not only drives down per-channel costs, but also delivers powerful video streaming technology at a significant value.



## Xstream Engine2 TwinTurbo Technical Specifications

### 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.

<b>Capture</b>	Video Format	NTSC or PAL
	Video Connectivity	BNC
	Audio Connectivity	XLR, ¼ " Phono
<b>Streaming</b>	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
	ROHS Compliant	Yes
	Dimensions	1.68" x 17.6" x 21.5" 42.67mm x 447mm x 546mm
	Weight	27lbs; 12.25kg
	Chassis	19" 1U rack mount
	Power	110/220V, dual input

### For More Information

For more information about Xstream Engine2 TwinTurbo, the Xstream Engine2 family of products, and other Winnov encoding & streaming solutions, visit

[www.winnov.com/products](http://www.winnov.com/products).