



## Xstream Engine PowerCaster MC

### Xstream Engine2™ PowerCaster MC Video Encoding and Media Streaming Appliance

#### High performance 1U rackmount design

With the ability to encode and stream multiple channels in a compact 1U enclosure, Xstream Engine2 PowerCaster MC is designed for performance, serviceability, and easy integration into a wide range of media broadcast environments.

#### 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.

#### Easily stream video over the Internet.

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 PowerCaster MC to deliver reliable multi-channel, live and on demand audio/video streaming solutions.

Xstream Engine2 PowerCaster MC is designed to continuously encode and stream audio and video content on a 24/7/365 basis. It can capture and stream six channels of audio and video at full standard definition resolution. Choose from sixteen composite, eight S-video and eight balanced stereo audio inputs. Xstream Engine2 PowerCaster MC 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 PowerCaster MC is capable of unlimited scalability. By combining up to eight encoders into a single appliance, Xstream Engine2 PowerCaster MC not only provides high ROI by driving down per-channel costs, but also delivers the most powerful video streaming technology available.



## Xstream Engine2 Powercaster MC 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	16 composite or 8 S-video
	Audio Capture Signal	8 balanced/unbalanced line level
	Sampling Streaming Configurations	Up to 6 WM9 640x480, 30fps
	Channels at Full SD Resolution	6
	Multicast Capability	Yes
	ROHS Compliant	Yes
	Dimensions	1.67" x 16.7" x 30.4" 42mm x 424mm x 772mm
	Weight	36lbs; 16.3kg
	Chassis	19" 1U rack mount
Power	110/220V, dual input	

### For More Information

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

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