

Granicus® Encoding Appliance



Optimized Streaming Platform

The Granicus Encoding Appliance is designed and built for our platform and streaming protocols to provide government organizations with a complete streaming solution. Each pre-configured appliance is delivered ready to stream. Simply connect power, network and an audio/video source. Full appliance control is available through a web browser or locally installed client application.

This appliance is a foundation component of the Granicus platform which allows customers to add applications and suites to meet future enterprise needs.

Hardware as a Service for Government Webcasting

Proactive Management

The Granicus Encoding Appliance supports Granicus' current and future software platforms and encoding formats. It has been rigorously tested and certified to work with Granicus technology. Device pre-configurations allow customers to get up and running quickly while maintaining the highest level of service at a low monthly cost.

The Granicus Customer Care team leverages a suite of tools that allow us to proactively monitor, maintain and support the appliance. Full patch management of Granicus software, the operating system and anti-virus solution eliminates any maintenance burden placed on government IT staff, including contacting multiple vendors for support.

As a fully-managed solution, Granicus will provide customers with all necessary upgrades, repairs or replacements to ensure that the appliance works effectively on the Granicus platform.

To help maintain ADA compliance, the Granicus Encoding Appliance supports extraction and display of embedded closed captions.

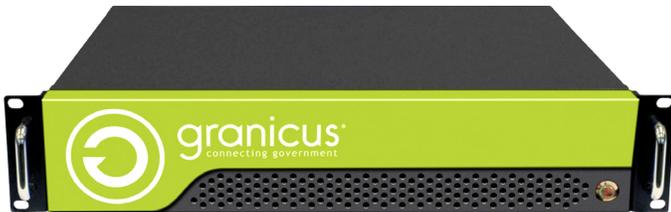
Local Distribution and Storage

The Encoding Appliance can be configured to support local live and on-demand streaming for up to 50 concurrent users. For organizations that require enterprise-class distribution, Granicus' Performance Accelerator distributes hundreds of simultaneous local streams with minimal network impact.

Each device is equipped with 500GBs of local storage, or roughly 3,250 hours at standard bit rates. Granicus provides unlimited cloud content storage and retention.

The Granicus Encoding Appliance is lightweight and small enough to fit in any server rack. Encoder noise has been addressed as well. With a sound output less than 40db, the Granicus Encoding Appliance is considerably quieter than standard off the shelf encoding hardware.

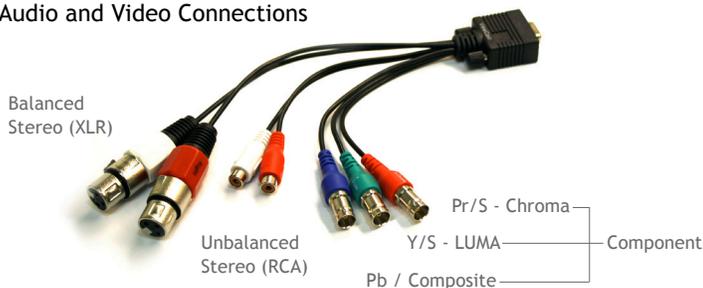
Front View



Rear View



Audio and Video Connections



Hardware Specifications

Dimensions	<ul style="list-style-type: none"> 13.9"D x 19"W x 3.5"H 2U rack mountable chassis 			
Weight	<ul style="list-style-type: none"> 25 lbs 			
Video One Channel Switchable Input	<ul style="list-style-type: none"> Composite (BNC x1) S-Video (Includes BNC to mini-DIN adapter) Component (BNC x 3) NTSC & PAL supported 			
Audio Inputs	<ul style="list-style-type: none"> Balanced stereo (XLR x 2) Unbalanced stereo (RCA x 2) Stereo & mono supported 			
Power		Idle	Load	Startup
Watts		53	167.1	102
Amps		0.441	1.393	0.85
kVA		0.529	0.167	0.102
BTU/hr		181	570	348
Connectivity	<ul style="list-style-type: none"> Ethernet: 2 auto-detecting x 1 Gbit ports 			
Storage	<ul style="list-style-type: none"> 500GB capacity 3250 hours at standard bit rates 			
Hardware Warranty	<ul style="list-style-type: none"> Granicus customer lifetime 			
Optional Components	<ul style="list-style-type: none"> Rail kit * Tower conversion kit * SDI inputs * 			
Management	<ul style="list-style-type: none"> Full remote management, monitoring patching & reporting 			

Streaming Specifications

Live Streaming	<ul style="list-style-type: none"> Static public IP address Inbound pull over TCP Port 8080 (port changed upon request) 300 Kbps upstream ** Unlimited viewers
Encoding Formats	<ul style="list-style-type: none"> Microsoft® Windows Media® (Silverlight®) Apple® HTTP live streaming *** Adobe® Flash® H.264 *** Android H.264 ***
Local Distribution	<ul style="list-style-type: none"> Live and on-demand (directly from Granicus Encoding Appliance) 50 maximum concurrent streams Unicast

* Additional charges may apply

** Higher bitrates available, requires additional bandwidth

*** In beta

