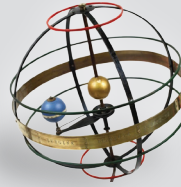


Galileo



Multi-screen Display Processor

COLLABORATE

with your team

- Connect multiple users to the same server
- Display resources anywhere on the video wall
- Control with a computer, tablet, or phone



VISUALIZE

disparate resources

- Run applications directly on the video wall
- Capitalize on flexible direct video and IP inputs
- Use the video wall as an extended desktop



SECURE

your information

- Utilize encrypted IP video + KVM control
- Create user profiles with access boundaries
- Work with corporate user authentication



SPECTRUM®
VISUAL RESOURCE MANAGEMENT™



INTEGRATED APPLICATIONS, VIDEO & IP

RGB Spectrum's Galileo Display Processor is a powerful and economical PC-based video wall system that offers integrated IP inputs and the ability to run applications natively. Combining the flexibility of a PC system with real-time performance, the IP-enabled Galileo processor sets a new standard for PC walls.

REAL-TIME 24/7 PERFORMANCE

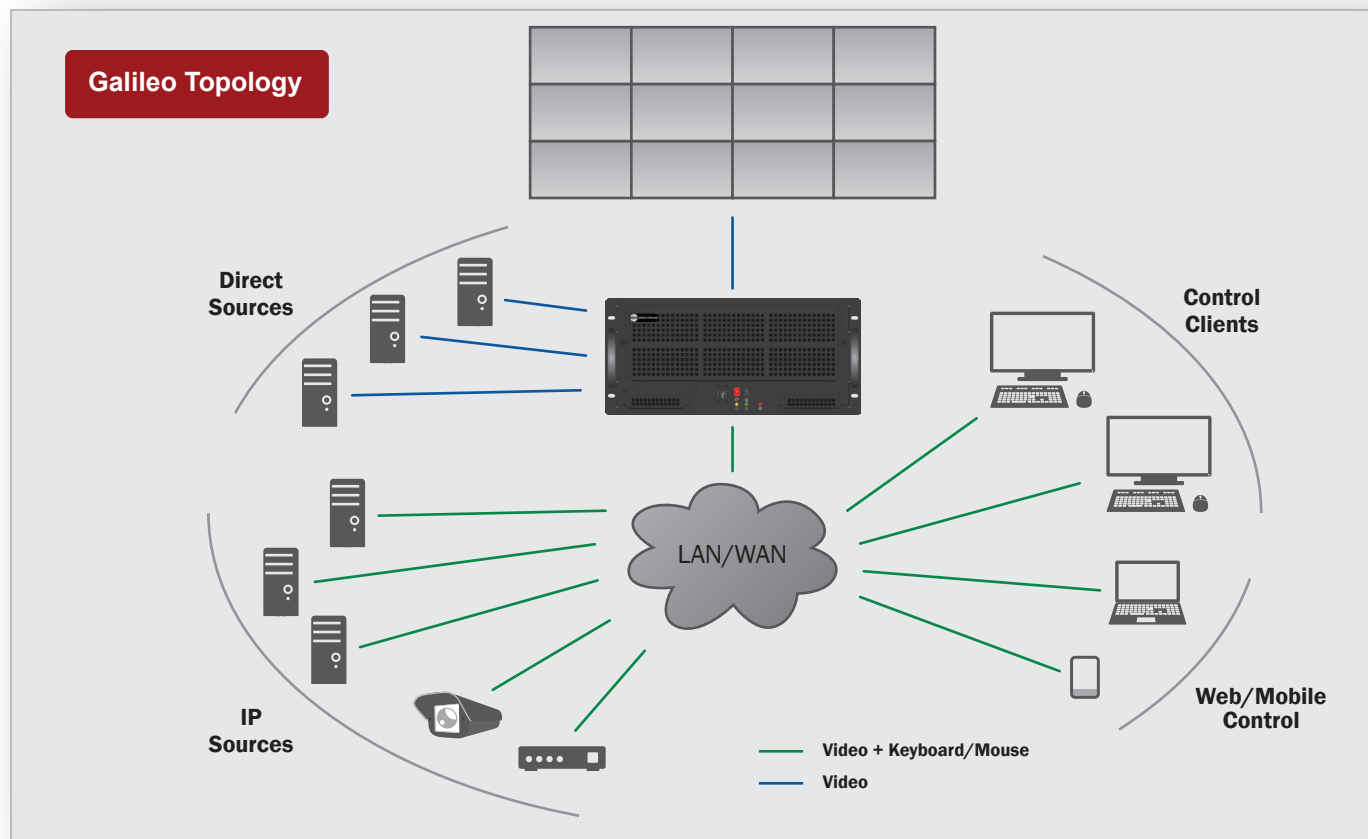
A proprietary driver allows the Galileo processor to deliver real-time throughput and superb image quality, unlike other PC-based systems that can drop frames or cause image tearing.

The processor's solid state drive and hot-swappable, redundant power supplies provide an extra level of reliability.

IP STREAMING INPUTS

IP video streams are decoded directly by the Galileo processor without the need for dedicated input cards or external decoders.

Optimized for use with the Galileo processor, the industry-standard VLC Media Player is used to decode IP inputs to ensure compatibility with a wide range of file formats.



APPLICATIONS

The Galileo processor can run computer applications directly on the video wall. For applications such as SCADA, VMS or videoconferencing, the higher total resolution of the video wall enables operators to view applications with greater clarity and in more detail. The simultaneous display of applications, direct video inputs and IP streams provides enhanced situational awareness.

REMOTE DESKTOP

The Galileo processor offers *multicast* remote desktop functionality. This unique approach enables any authorized client to view the display of another client or remote KVM host. Clients can also place remote KVM hosts onto the video wall for collaborative viewing.

In addition, RGB Spectrum's unique Video Desktop Adapters (VDA) provide the Galileo system with high frame rate, secure, encrypted IP video plus responsive keyboard and mouse (KVM) control.



CONTROL AND COLLABORATION



The Galileo system provides several control options that simplify set-up and operation.

A built-in web interface, accessible on any computer, tablet or mobile device, enables users to recall layouts and move/resize windows. No app is required!

RGB Spectrum's VIEW Controller for Galileo provides visual "drag and drop" routing of both direct inputs and applications run on the processor.

Third-party devices can also provide system control.

The Galileo processor's rich API allows operators to monitor remote alarms, create scripts to recall layouts, and control third-party equipment.

ENTERPRISE SECURITY

For mission-critical enterprise-level applications, we offer enhanced security features that protect the integrity of system data and resources. The optional Galileo Security Pack adds the following capabilities:

User Profile Manager:

- Authenticates users through Active Directory
- Manages users, groups and access privileges
- Restricts working area for specific users
- Limits user access to schedules, layouts, and scripts

Security Log:

- Keeps a record of login and logout events
- Logs window positions and records who is moving them
- Logs when schedules, layouts, and scripts are created, modified or deleted
- Administrators can customize which events to log

Application Note

The Galileo processor works with RGB Spectrum's **Enterprise MultiPoint Control Room Management System (Enterprise MCMS)**. Enterprise MCMS offers secure multi-user control arbitration along with integration of disparate systems. Combined with Galileo's IP inputs and native applications, the Enterprise MCMS/Galileo system is a powerful and versatile solution for even the largest and most sophisticated control rooms.

EXPAND
your horizons with

Galileo





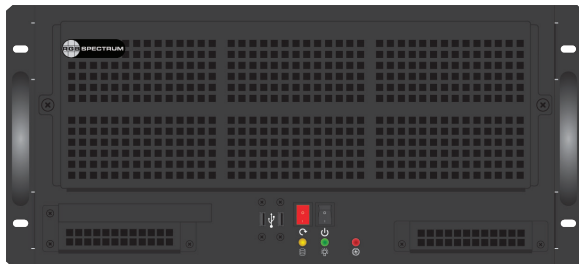
Specifications

	GO-12	GO-40	GO-56
Physical			
Size (h x w x d)	3.5 x 19.0 x 15.0 inches (2RU) 89 x 483 x 381 mm	7.0 x 19.0 x 26.0 inches (4RU) 177 x 482 x 657 mm	8.75 x 19.0 x 18.0 inches (5RU) 222 x 483 x 457 mm
Weight	26 lbs/11.8 kg	57 lbs/26 kg	35 lbs/15.8 kg
Power			
Power Supply	100-240 VAC; 50/60 Hz Dual redundant 600 W max	115-230 VAC; 50/60 Hz Dual redundant 810 W max	100-240 VAC; 50/60 Hz Dual redundant 1485 W max
<i>Power consumption depends on specific configuration.</i>			
Environmental			
Operating Temperature	+32 to +104 °F (0 to +40 °C)	+32 to +104 °F (0 to +40 °C)	+32 to +104 °F (0 to +40 °C)
Storage Temperature	-40 to +149 °F (-40 to +65 °C)	-4 to +140 °F (-20 to +60 °C)	-40 to +149 °F (-40 to +65 °C)
Operating Humidity	20% to 80% non-condensing	10% to 85% non-condensing	20% to 80% non-condensing
Processor			
CPU Standard	Single Intel® Core™ i7	Single Intel® Core™ i7	Single Intel® Core™ i7
CPU Option	Dual Intel® 8 Core Xeon® E5	Dual Intel® 8 Core Xeon® E5	Dual Intel® 8 Core Xeon® E5
Memory	8 GB DDR3; up to 32 GB option	8 GB DDR3; up to 32 GB option	8 GB DDR3; up to 32 GB option
Hard Disk	500 GB SSD; RAID option	500 GB SSD; RAID option	500 GB SSD; RAID option
Control			
Network	2x Ethernet TCP/IP 10/100/1000Base-T	2x Ethernet TCP/IP 10/100/1000Base-T	2x Ethernet TCP/IP 10/100/1000Base-T
Serial	RS-232, 9600-115,200 baud	RS-232, 9600-115,200 baud	RS-232, 9600-115,200 baud
I/O			
Inputs	DVI/HDMI 1.3: up to 1920x1200 @ 60Hz, 2560x1600 @ 30Hz, 3840x2160 @ 15Hz S-Video: NTSC/PAL/SECAM Composite: NTSC/PAL/SECAM SDI: 1920x1080 @ 60Hz		

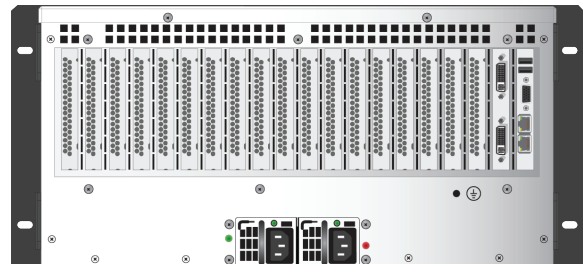
Outputs DVI/HDMI 1.3: up to 2560x1600 @ 30Hz

Specifications subject to change.

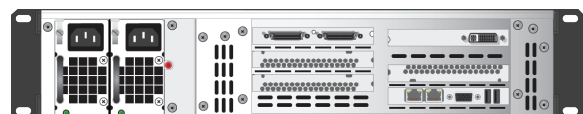
Number of input and output channels depends on chassis size and customer configuration.



Model GO-56



Model GO-12



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950 Marina Village Parkway Alameda, California 94501 (510) 814-7000 sales@rgb.com www.rgb.com

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