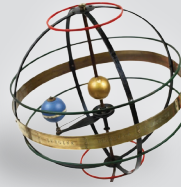


# Galileo



## 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





# 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

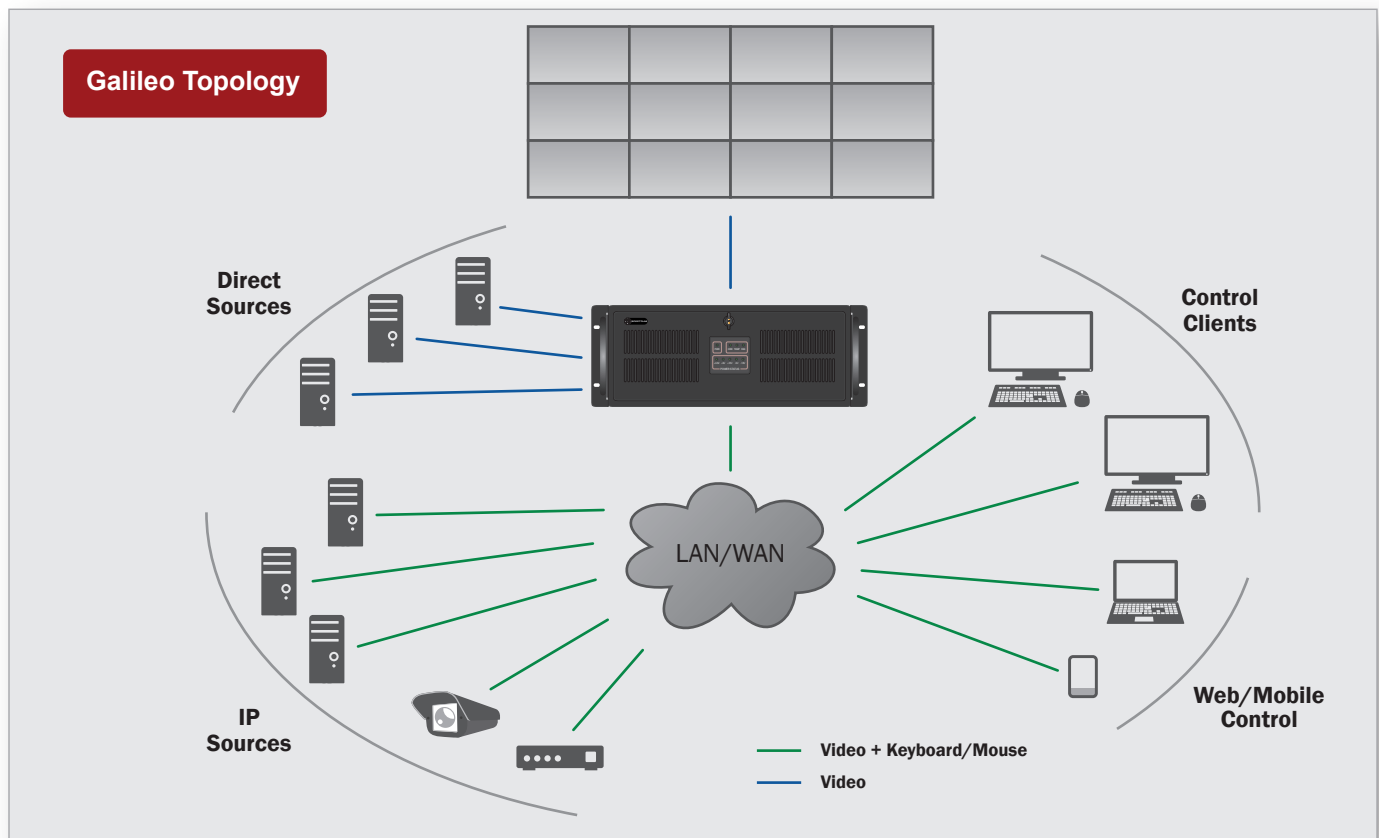
Optimized components allow the Galileo processor to deliver real-time throughput and superb image quality, unlike other PC-based systems that can drop frames or cause image tearing.

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 either directly by the Galileo processor or on a dedicated input card.

The IP decode input card enables hardware-accelerated H.264 decoding of high quality video over IP up to 4K / UHD resolution.



## 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.



## 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!

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 Advanced software 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

With the ability to run applications, control third-party equipment, and deliver real-time processing and integrated KVM control, the Galileo processor can act as a versatile control system for smaller-scale control rooms and operations centers. The processor provides unified control over disparate resources and offers sophisticated management tools that support multiple operators and work stations. Designed for 24/7 reliability, the Galileo processor is a feature-packed visual integration platform for mission-critical control rooms.



**EXPAND**  
your horizons with

**Galileo**



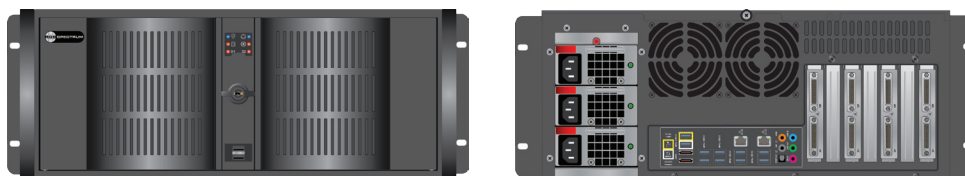


## Specifications

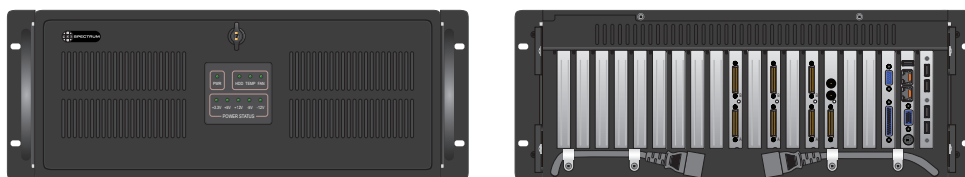
	GO-16	GO-40	GO-56
<b>Physical</b>			
Size (h x w x d)	7.0 x 19.0 x 16.8 inches (4RU) 177 x 483 x 427 mm	7.0 x 19.0 x 26.0 inches (4RU) 177 x 483 x 657 mm	7.0 x 19.0 x 26.0 inches (4RU) 177 x 483 x 657 mm
Weight	37 lbs/16.8 kg	57 lbs/26 kg	57 lbs/26 kg
<b>Power</b>			
Power Supply	100-240 VAC; 50/60 Hz Dual redundant 800 W max	115-230 VAC; 50/60 Hz Dual redundant 810 W max	115-230 VAC; 50/60 Hz Dual redundant 810 W max
<i>Power consumption depends on specific configuration.</i>			
<b>Environmental</b>			
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)	-4 to +140 °F (-20 to +60 °C)
Operating Humidity	20% to 80% non-condensing	10% to 85% non-condensing	10% to 85 % non-condensing
<b>Processor</b>			
CPU	Single Intel® Six Core™ i7	Single Intel® Quad Core™ i7	Single Intel® Quad Core™ i7
Memory	16 GB DDR3	8 GB DDR3	8 GB DDR3
Hard Disk	500 GB SSD; RAID option	500 GB SSD; RAID option	500 GB SSD; RAID option
<b>Control</b>			
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
<b>Input/Output</b>			
Inputs	DVI: up to 1920x1200 @ 60Hz, 2560x1600 @ 30Hz HDMI: up to 4096x2160 @ 60 Hz S-Video: NTSC/PAL/SECAM Composite: NTSC/PAL/SECAM SDI: 1920x1080 @ 60Hz IP: up to 12x 1920x1080@30 Hz, or 1x 3840x2160@60Hz or other equivalent data rate via each GO IP4K card IP: up to 9 simultaneous 1920x1080 @ 30 Hz or other equivalent data rate via chassis CPU		
Output Type	DVI/HDMI 1.3: up to 2048x1152 @ 60Hz, 2560x1600 @ 30Hz		
Output Number	16 max	40 max	56 max

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

Specifications subject to change.



Model GO-16



Model GO-40 / 56



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950 Marina Village Parkway Alameda, California 94501 (510) 814-7000 [www.rgb.com/contact](http://www.rgb.com/contact)

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