



## QuadPlex

### Multi-Display Processor

RGB Spectrum's *QuadPlex*™ multi-display processor appliance is a breakthrough in video wall design flexibility and affordability. The versatile *QuadPlex* processor can drive up to four displays from a single video source in a wide variety of configurations, from 2x2 to 1x4 to artistic layouts.

An intuitive software interface provides auto-discovery and configuration of each *QuadPlex* device. Display layouts can be selected using the front panel buttons on the device or via the web network interface.

Combine *QuadPlex* with RGB Spectrum's video wall processors or multiviewers to create video walls of any size and shape, or simply use with a media player for small installations. *QuadPlex* provides complete layout flexibility, with each display having independent resolution, scaling, cropping and rotation.

The *QuadPlex* processor's power and flexibility make it the ideal solution for entertainment and sports venues, boardrooms, museums, corporate lobbies, video teleconferencing, digital signage, artistic walls and educational environments.

#### Key Benefits

- Scalable, multi-unit configurations
- Independent display orientation
- Up to 4Kp60 input, or 8K in one dimension
- HDCP content protection
- Numerous display layouts, including artistic configurations



[Learn more at rgb.com](http://rgb.com)





## APPLICATIONS

### LARGE SCALE VIDEO WALLS

Use multiple QuadPlex devices with an RGB Spectrum video wall processor to create large scale video walls.



Video Wall Processor



Multiple QuadPlex

### ENTRY-LEVEL VIDEO WALLS

Combine QuadPlex with an RGB Spectrum QuadView multiviewer to drive small video walls



QuadPlex



Multiviewer

### ARTISTIC DISPLAY LAYOUTS

Create display arrangements with mixed orientation and non-rectangular layouts



QuadPlex



Media Player



## SPECIFICATIONS

### Inputs

Video	1x HDMI (2.0) or 1x DisplayPort (1.2)
Max Resolutions	3840x2160 @ 60Hz, 3840x2160 @ 30Hz, 7680x1080 @ 60Hz, 7680x1080 @ 30Hz, 1920x4320 @ 60Hz, 1920x4320 @ 30Hz
HDCP	Yes
Audio	HDMI or DisplayPort (embedded)

### Outputs

Video	4x HDMI
Max Resolutions	1920x1080 @ 60Hz, 1920x1080 @ 30Hz, 1920x1200 @ 60Hz, 1920x1200 @ 30Hz
HDCP	HDCP 1.4 or HDCP 2.2
Audio	HDMI (embedded)

### Configurations

Single Unit	2x2, 4x1, 3x1, 2x1, 1x2, 1x3, 1x4, artistic layouts (portrait and landscape orientation)
Mirrored Output	Yes, with scaling
Multi-unit Support	Yes

### Other Features

	Bezel management, scaling, cropping, rotation
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### Control

Application	Setup application, Front Panel, HTTP/HTTPS
Network	1x Ethernet TCP/IP 10/100/1000BaseT

### Physical & Environments

Size (H x W x D)	1.25 x 5.5 x 7.13 in (318 x 1397 x 1811 mm)
Weight	1.1 lbs (0.49 kg)
Power Supply	100 x 240VAC / 50-60 Hz
Power consumption (max.)	15 Watts (max.)
Operating Temperature	+32° to +113° F (0° to +45° C)
Storage Temperature	-40° to +158° F (-40° to +70° C)
Humidity (storage/operating)	20% to 80% / 5% to 95% (non-condensing)

