



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

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)



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