

Product No. VWBB4P



Black Box VideoPlex4 Video Wall Controller

Product Descriptions

The Black Box VideoPlex4 is a standalone display wall controller that supports single or dual-link DVI input and flexibly outputs up to a 1080p signal to over four monitors. It up-scales an input whether it's DVI or analog RGB driven. Maximum output (1080p) and frame rate do not need to be related to that of the input. Monitors can display a cropped region of the original input image. Additionally, each output can be independently mirrored or rotated through 90/180/270° to support creative mixes of landscape and portrait monitors.

At high resolutions, DVI signals usually degrade after 16.4 ft (5 m). With the VideoPlex4, active equalization hardware on the appliance is able to compensate for cable or signal losses, and supports cable lengths up to 65.6 ft (20 m) even at full dual-link resolutions. Lower resolutions enable longer cable lengths.

Product Details

Although care has been taken to ensure the accuracy of the information provided in this Product Specification, CTR is in no way liable for any errors, omissions or changes in specifications.

Features

- ❖ Splits a single DVI input into four independent monitor outputs
- ❖ Dual-link DVI and single-link DVI output 1080p to each monitor
- ❖ Use HDMI-to-DVI adapters on both input and output (not HDCP compliant)
- ❖ Ideal for use with edge-blending projectors — supports image overlapping
- ❖ Stack multiple units to create larger video walls
- ❖ Program output configuration via USB connection to a PC
- ❖ Enables easy control of cropping, scaling, rotation, and gaps
- ❖ Flexibly drives four displays, each from any selected region of the input image
- ❖ Input EDID is programmable, allowing arbitrary input resolutions and frame rates
- ❖ Supports DVI and analog RGB output monitors

Specifications

Connectors	1x DVI-D female for input 4x DVI-I female for output 1x 3-Pin Power Connector female 1x USB-B female 2x Sync ports (unused)
LED Indicators	1x Power LED 1x Input LED 1x Status LED
Leads Supported	DVI-D (Dual Link on input only)
Operating Temperature	32 to 104°F (0 to 40°C)
Operating Humidity	90% non-condensing
Power	Input: 100-240 VAC, 0.8 A Output: 5-8 VDC, 4 A Consumption: 20-32 Wa
Approvals	CE, RoHS
Dimensions	1.8 x 9.3 x 6.9" (4.4 x 24 x 18 cm)
Package Weight	4.05 lb

Head Office Location



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