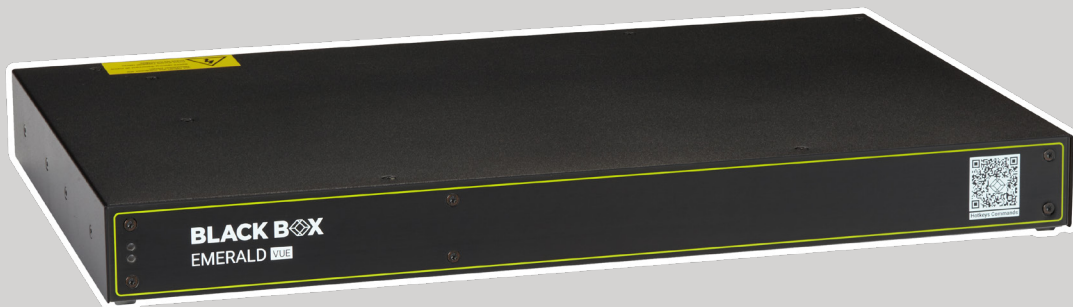


DATA SHEET

EMD4010DP-VUE

KVM MULTIVIEWER - 4:2, SINGLE/DUAL-MONITOR, DISPLAYPORT™, 4K60

24/7 TECHNICAL SUPPORT AT 1.877.877.2269 OR VISIT BLACKBOX.COM



BLACK BOX

OVERVIEW

KVM MULTIVIEWER – 4:2, SINGLE/DUAL-MONITOR, DISPLAYPORT, 4K60

INTRODUCTION

In crucial control room applications where people and equipment safety are at risk, the stakes are high. Control room personnel need a birds-eye view of system status at a moment's notice. Improve situational awareness by displaying up to four screens per monitor at the same time with 4K resolution, or reduce cost by displaying multiple screens on a single, large monitor. The Emerald® VUE typically enables 4:1/4:2 single-head visualization.

You can arrange the individual windows freely and display them in different modes: Full-screen Mode, Quad-screen Mode (Quad Mode), Picture-in-Picture Mode (PiP Mode), Preview Mode, 2+2 Mode, and Free Mode. Presets allow instant switching between the desired layouts.

Easy Switching

Switch between the DisplayPort™ video sources in real-time via keyboard commands. Control the video sources externally using API or the GPIO interface.

FEATURES

- Combined 4:2 KVM switch and flexible multiviewer
 - 4:2 KVM switch – 4 inputs, 2 outputs
 - 4K60Hz, 8-bit, 4:4:4 input and output
- Variety of multiviewing operation modes (5 fixed + 4 free modes)
- Single-and dual-head operation
- Low-latency image transmission
- Combined audio and acoustic alarms
- 8-channel digital audio via video interface input
- De-embedding to 8-channel digital or stereo analog audio
- Redundant PSU
- Intuitive shared keyboard and mouse control
- GPIO interface
- API interface via TCP/IP
- USB2.0 support
- Blockable USB2.0 transparent switching
- NMP / Syslog monitoring and reporting
- 1U Rack mount
- Integrates into DKM / extender infrastructure

Customized Audio

Tailor audio output to your specific needs. The device outputs embedded audio signals to a loudspeaker via a separate audio interface. Set it to output either the audio track of the currently active screen or combine the various audio signals so that you can hear relevant signal tones at any time, regardless of the source.

Fail-Safe

In critical control room applications, you can't afford downtime. Built for 24/7 operation, the Emerald VUE has redundant power supplies and extensive SNMP options for status monitoring (video, PSU, and switching status).

Space-Saving

Compact multiviewer fits where space is at a premium.

WHAT'S INCLUDED

KVM MULTIVIEWER – 4:2, SINGLE/DUAL-MONITOR, DISPLAYPORT, 4K60

- ♦ (1) Emerald VUE
- ♦ (2) Power Cords (EU)
- ♦ (4) DisplayPort M/M Cables
- ♦ (4) USB Type A to B M/M cables



PRODUCT IMAGES

KVM MULTIVIEWER – 4:2, SINGLE/DUAL-MONITOR, DISPLAYPORT, 4K60



EMD4010DP-VUE FRONT VIEW



EMD4010DP-VUE BACK VIEW

SPECIFICATIONS

KVM MULTIVIEWER – 4:2, SINGLE/DUAL-MONITOR, DISPLAYPORT, 4K60

EMD4010DP-VUE	
SPECIFICATION	DESCRIPTION
PHYSICAL	
WEIGHT	8.6 lb. (3.9 kg)
DIMENSIONS	17.4" W, 9.8" D, 1.7" H (442 x 250 x 44 mm)
ENCLOSURE STYLE	Aluminum
LEADS SUPPORTED	DisplayPort™, USB keyboard, USB mouse, USB 2.0 peripherals, and 3.5mm audio
USERS AND COMPUTERS	1 x 4
CONNECTORS	
OUTPUT	(2) DisplayPort female; (2) USB HID female; (2) USB 2.0 female; (2) 3.5mm AUDIO
INPUT	(4) Display Port female; (4) USB Type B female
OTHER	(1) RJ-45 for network; (1) DB9 male for GPIO; (1) USB Type mini b female for configuration; (2) IEC320 C14 power input
LED INTERFACE	(8) LEDs for status
COMPUTER INTERFACE	DisplayPort, USB
MAX DISTANCE FROM CPU TO TX	16 feet (4.9m), DP and USB limitations
OPERATION	
INPUT VOLTAGE/VOLTS	100-240 VAC, 50/60 Hz
OUTPUT VOLTAGE /VOLTS	5 VDC
OUTPUT CURRENT/AMPS	10 Amps MAX
POWER CONSUMPTION/WATTS	50 Watts
ENVIRONMENTAL	
OPERATING TEMPERATURE	41°F to 113°F (5 to 45°C)
STORAGE TEMPERATURE	-13°F to 140°F (-25 to 60 °C)
OPERATING HUMIDITY	maximum 80%, non condensing
MAX ALTITUDE/FEET	8,202 feet (2,500m)



