Draco MultiView 4K60

Series MV42

Display of up to four Single-Head video signals on one monitor

4:2 KVM MultiViewer @4K60

Redundant power supply

Single- and Dual-Head option

DisplayPort 1.2 and HDMI 2.0 version

Different modes of operation

Multi-Screen Control

SNMP v3 Monitoring

PRODUCT INFORMATION

The Draco MultiView 4K60 typically allows visualization scenarios common in air traffic control and control room applications, including 4:1 / 4:2 Single-Head or Dual-Head.

The individual screens can be arranged freely and displayed in diff erent modes: Fullscreen Mode, Quadscreen 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
Real-time switching between the video sources is done by keyboard commands. External control options are possible via API or the GPIO interface.

Don't miss any audio alerts
The embedded audio signals can be output to a loudspeaker via a separate audio interface. Either the audio track of the currently active screen can be output or the various audio signals can be combined (summed) so that

relevant signal tones can be heard at any time, regardless of the source.

Fail-safe and space-saving
The Draco MultiView 4K60 has redundant power supply and extensive SNMP options for status monitoring (video, PSU and switching status). It is build for 24/7 operation.

The Draco MultiView 4K60 seamlessly integrates with Draco vario extenders and Draco tera matrices.

PRODUCT FEATURES

- Integrated Single-Head and Dual-Head switch for 4K60 DisplayPort 1.2 or HDMI 2.0 video signals and USB
- Facilitates the monitoring of numerous video signals at a glance
- Reduce cost and effort by displaying on a single large monitor
- Redundant power supply for Single-Head and Dual-Head
- GPIO for control via pushbutton
- Draco MultiView 4K60 allows different modes of operation:
  Fullscreen Mode, Quadscreen Mode (Quad Mode), Picture-in-Picture Mode (PiP Mode), Preview Mode, 2+2 Mode, Free Mode
- Cropping and zooming function
- Switching via keyboard, API and GPIO
- SNMP monitoring (Video Status, PSU Status, Switching Status)
- Amalgameted stereo audio or individual 8-channel audio with de-embedding (analog or digital)
- Up to 16 individual user profiles
- Virtual stream management / stream routing
- WebUI for configuration, administration and control

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TECHNICAL DATA

	Single-Head	Dual-Head
Input	Up to 4x DP 1.2 or HDMI 2.0 @ 4K60, 4x USB	Up to 8x DP 1.2 or HDMI 2.0 @ 4K60, 4x USB
Output	Up to 2x DP 1.2 @ 4K60, 2x USB-HID and 2x USB 2.0 Up to 2x audio (3.5 mm, optical digital / analog)	Up to 4x DP 1.2 @ 4K60, 2x USB-HID and 2x USB 2.0 Up to 4x audio (3.5 mm, optical digital / analog)
Audio	Synchronized switching, mixed audio, de-embedding digital / analog	
Maximum resolution	Up to 4096x2160@60Hz (4K DCI) or 3840x2160@60Hz (UHD), data rate is limited to 21.6 Gbit/s, color depth 8 bit	
Keyboard / mouse	USB-HID	
Interfaces	USB-HID, USB 2.0 (max. 480 Mbit/s), Mini-USB, GPIO, RJ45 (interconnect), 3.5 mm Audio interface (optical digital / analog)	
Power supply	100 to 240 V, 50/60 HZ	
Current draw	Max. 700 mA	
Operating Temperature	5 to 45 °C (41 to 113 °F)	
Storage Temperature	-25 to 60 °C (-13 to 140 °F)	
Relative Humidity	Max. 80% non-condensing	
Operating Altitude	Max. 2.500 m (7,500 ft)	
Dimensions	442 x 250 x 44 mm (17.4" x 9.8" x 1.7")	
Weight	Single-Head versions: 3,9 kg (8.6 lb) Dual-Head versions: 4,8 kg (10.6 lb)	

ORDER NUMBERS

DRACO MULTIVIEW 4K60		PART NO.
Draco MultiView 4K60 HDMI 2.0 Single-Head		MV42-H2SH
Draco MultiView 4K60 HDMI 2.0 Dual-Head		MV42-H2DH
Draco MultiView 4K60 DP1.2 Single-Head		MV42-DPSH
Draco MultiView 4K60 DP1.2 Dual-Head		MV42-DPDH

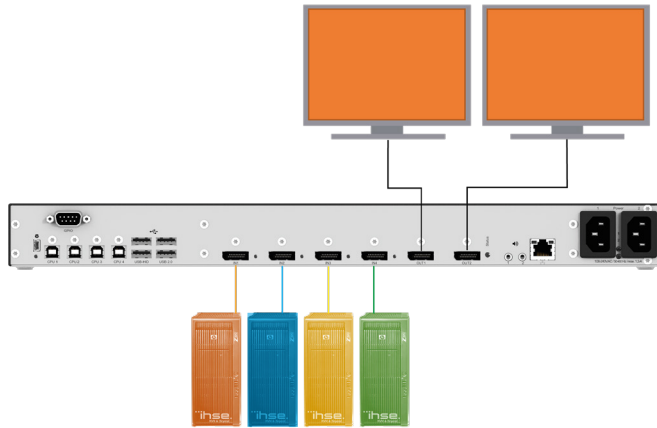**Draco System Designer** configure your own system

IHSE offers an online tool for free configuration of your KVM projects. It enables documentation and verification of individual extenders up to complete matrix applications. All KVM switches and extenders are available for selection, including add-on modules, chassis variants and special accessories: **dsd.ihse.com**
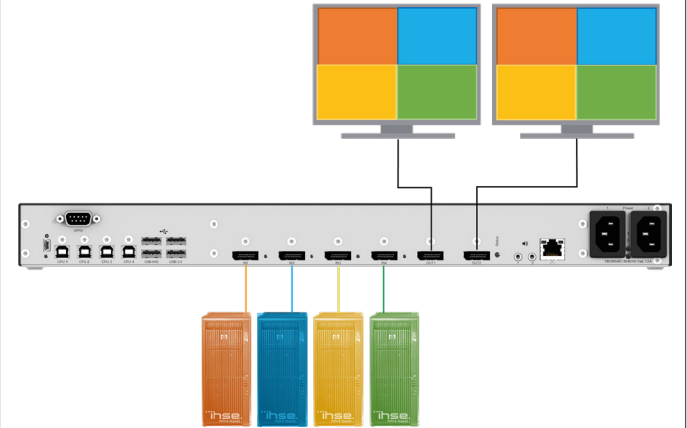
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Series MV42

Display of up to four Single-Head video signals on one monitor
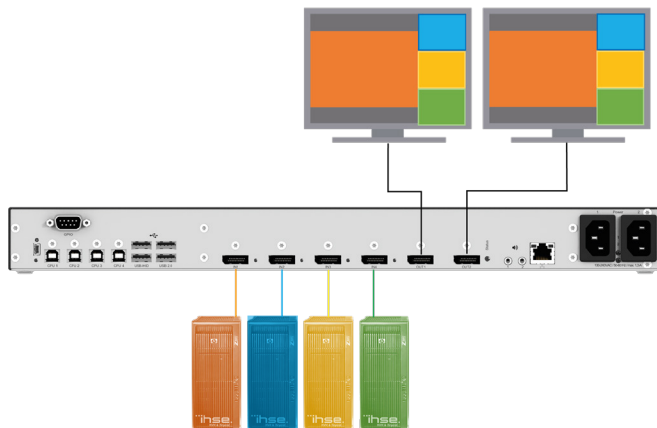
DISPLAY MODES
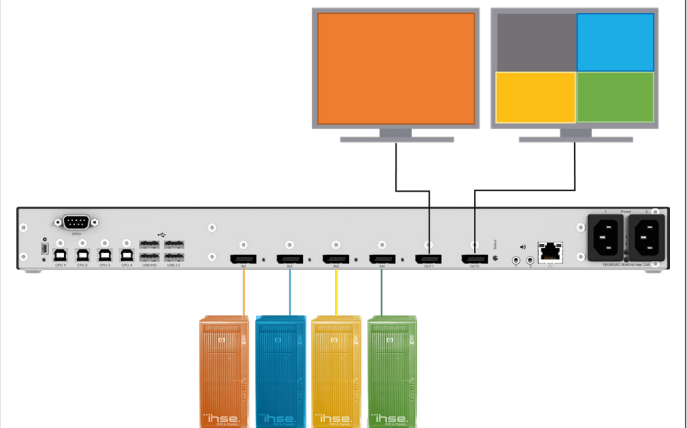
Fullscreen Mode

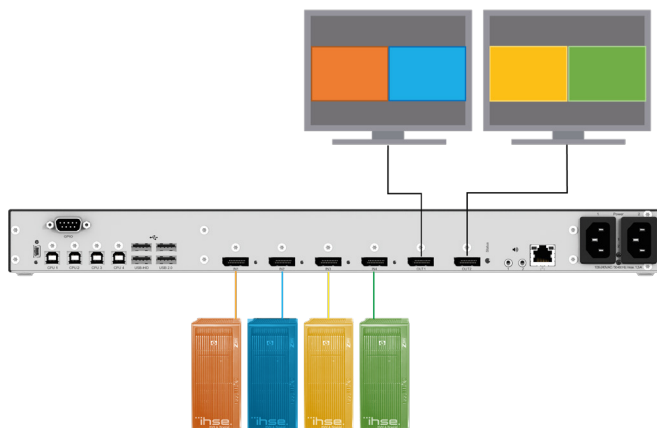
Quadscreen Mode (Quad Mode)

Picture-in-Picture Mode (PiP Mode)

Preview Mode

2+2 Mode

Free Mode

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