

Draco vario 2-Port HDMI KVM Switch System with local computer access



Accept KVM data from two remote transmitters while allowing access to a local computer at the receiver for full access to three sources using a single keyboard and mouse

Specifications subject to change without notice

HDMI 2X1 KVM Switch System



FEATURES

- Two remote computer sources connected to a single receiver unit
- Connect a local source to the receiver for remote bypass needs
- Available in copper or fiber connection ports
- Support HDMI up to 1080p60 (DVI up to 1920x1200@60Hz)
- Built-in EDID management
- USB-HID for keyboard and mouse
- Optional local HDMI output for transmitter units
- 140m over copper (RJ-45) and 10Km over duplex fiber (LC)

The Draco vario HDMI extenders provide ultra-fast switch performance

The vario 481 series extenders support HDMI formats plus USB-HID for keyboard and mouse control signals over Cat 5e/6/7 or fiber optic cabling. The units can extend HDMI video signals with perfect quality up to 10km over fiber or up to 140m over copper cables. The 481 series extenders are packaged in a compact enclosure that can easily be mounted in racks or under the table for out of site requirements. Engineered for reliability and exceptional high resolution image performance, the draco vario uses IHSE USA's optimized compression technology to deliver perfect transmission of computer video images up to 1920x1200@60Hz resolution, including 1080p/60 and 2K.

The Draco vario HDMI 2-Port KVM System gives users access to three sources

The vario HDMI 2-port KVM system includes dual connection ports on the receiver unit (CON) allowing up to two remote transmitter units (CPU) to be connected and controlled from a single keyboard and mouse connected to the CON unit. Switching to a source is accomplished via fast-access keyboard commands that selects between the two remote sources or bypasses the remote CPU sources and connects to a local computer.

Get extended separation between workstation and computer sources

The HDMI 2-Port KVM System have a simple transmit and receive design. Available in either copper or fiber transport options, the data is transmitted from the remote computers up to 140Km over copper or up to 10km over fiber. Using IHSE's high-performance data transport design allows perfect picture quality with near zero latency in mouse movements. The system requires only one cable between each extender to reducing cable clutter and installation time.

The perfect design for remote and local connectivity of keyboard and mouse

On the HDMI 2-Port KVM System receiver unit, an additional HDMI and USB-HID port is included to add a local computer or laptop at the workstation. This becomes a clear advantage for applications where fixed computers need to be located in secure locations and other computers such as laptops can be connected as needed. With a simple keyboard command, the laptop can become the primary computer source with access to the full screen monitor, keyboard and mouse.

Add local monitor access when operators need to share sources between locations.

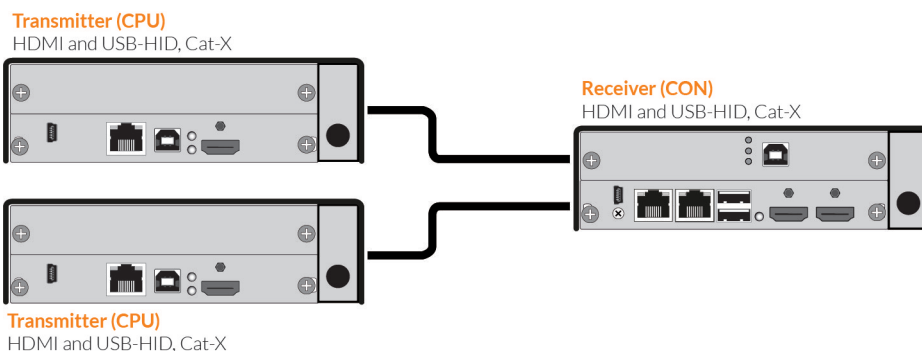
Where users want to share computers between locations, an optional local output can be added to the HDMI transmitters allowing the local user access to the CPU as well as share it with the remote receiver unit. This is perfect for applications where 24/7 operations are required. Operators at the local workstation can work during normal operation hours and then pass it off to a remote operator during shift changes or emergency situations.

Use this system for primary and secondary designs used in redundant path applications.

System designer can also use this KVM system package in a primary and secondary computer-to-workstation concept. In the event of a lost signal on the primary link any worker who inherently requires high performance availability of critical path data, or is involved in mission-critical operations, can immediately be crossed over to a backup system with the built-in signal status design. When the primary signal goes down, the receiver will automatically cross over to the secondary signal. In the case of an interconnection failure the redundant link ensures continuous and uninterrupted communications between the transmitter and receiver unit.

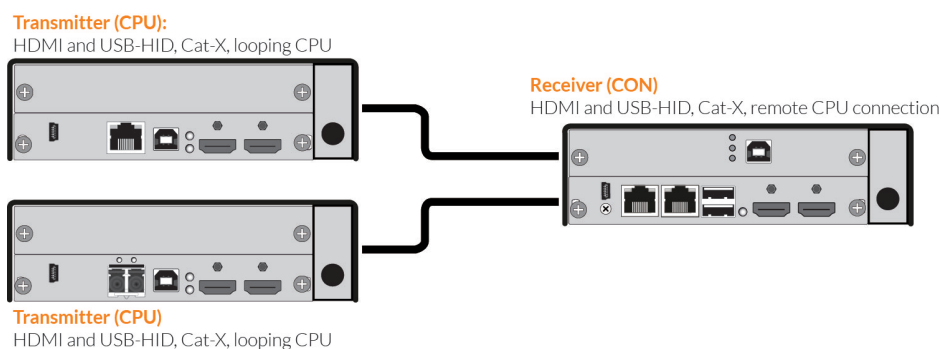
Command and control rooms, network operating centers (NOC's) and urgent response centers must provide superior service to their users and clients and for these types of systems, IHSE USA's line of redundant KVM extenders delivers significant value from day one. When you consider the direct and indirect costs of unplanned downtime, it becomes clear that making the investment in KVM redundancy is a smart strategy.

HDMI 2X1: Two TX with local connection at RX unit



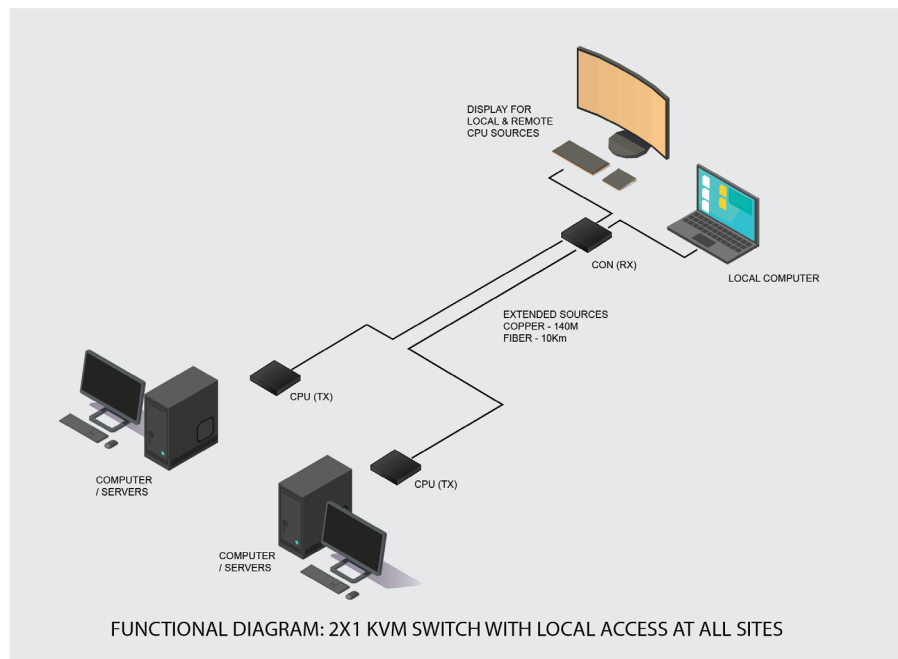
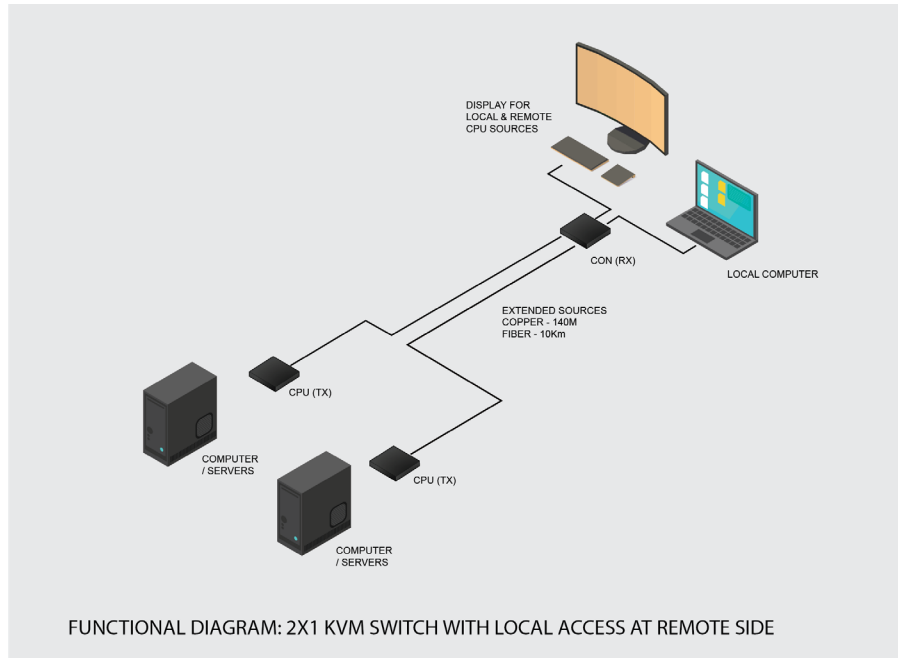
Part Number	Description
K481-2X1-CAT	2X1 KVM Switch, Cat-X, connections, with local CPU connection on RX for console over-ride
K481-2X1-FIB	2X1 KVM Switch, Fiber connections, with local CPU connection on RX for console over-ride

HDMI 2X1: Two TX with looping out and local connection at RX



Part Number	Description
K481-2X1-CAT-L	2X1 KVM Switch, Cat-X, connections, with local CPU connection on RX for console over-ride, loop out at the TX
K481-2X1-FIB-L	2X1 KVM Switch, Fiber connections, with local CPU connection on RX for console over-ride, loop out at the TX

Specification Type	Description
INPUT and OUTPUT TYPE	HDMI 1.4
Transmission distance	Copper up to 140m, Fiber up to 10km
Type of connections between frames and extenders	UTP Cat 5e/6/7, RJ-45, Singlemode fiber XV (9u), LC to LC Duplex
Signal types supported -USB	USB-HID (standard) for keyboard and mouse
Maximum resolution	1080p60, 1920 x 1200 @60Hz, 2560 x 2048 @60Hz
Power Supply:	100-240VAC, 50/60Hz, 3.5A max (Extender Modules)
Unit size	Extender Module: 8.7 in X 5.8 in X 1.7 in (221mm X 147mm X 41mm)
Safety Agencies	CE, TUV, FCC, WEEE, RoHS/RoHS2



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