Draco CPU Switch

Series 484

Access up to 8 VGA, USB and audio sources from a single remote location

Replaces 8 CPU extender units

Version with redundant data links

Optimized for the use in data centers

Compatible with all IHSE Draco KVM

PRODUCT INFORMATION

The Draco CPU Switch replaces eight traditional CPU units and includes an 8:1 switch: Eight source computers are connected by VGA cables to the CPU Unit, which is further connected to a user workstation by one interconnect cable. The operator can access any of the eight connected sources from the console. The extender operates as an 8-input,

1-output KVM switch. Analog VGA video signals are converted to DVI within the extender and scaled using Draco vario image scaling, which is ideal for modern, high-resolution, monitors. The Draco CPU Switch includes bidirectional analog audio ports and USB-HID for eight computers.

A further USB 2.0 port (480 Mbit/s) on the extender allows storage devices to be connected locally. Optionally, storage devices can also be connected at the console via USB 2.0 embedded (36 Mbit/s) interface.

PRODUCT FEATURES

> Includes 8 input ports for VGA, USB and audio
> Output connections to DVI extender or matrix switch port
> Integrated scaler
> Redundant power supply
> Rack mountable in 1 RU
> Switching via hot key commands
> Local USB port selectable to any input source
> Perfect for efficient management of legacy VGA sources
> Ideal for centralized management of host computers integrated to digital KVM matrix systems
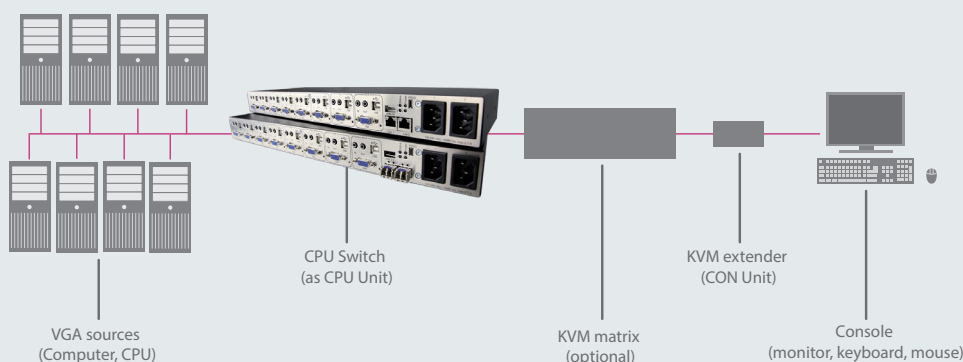
APPLICATIONS

The Draco CPU Switch simplifies operator access to multi-computer installations and is ideal for large data centers and installations requiring centrally managed host computers integrated into a high-end KVM system together with state-of-the-art workstations at low cost. By greatly reducing the number of extenders and cabling a significant reduction in cost, space and complexity of installation is achieved.

Further, it may be used in conjunction with KVM matrix switches, reducing the number of ports used on the switch. The device features redundant data links and power supplies for maximum reliability and resilience in critical installations. It is designed for 19" rack-mount use.

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Access up to 8 VGA, USB and audio sources from a single remote location

TECHNICAL DATA	
Input Interface Output Interface	VGA, USB-HID, USB 2.0 embedded, local USB 2.0 (High-Speed), Analog Audio Cat X, single-mode fiber
Maximal Distance	Cat X up to 140 m Single-mode 9µ up to 10 km
Resolution	1920x1200@60Hz, Full HD (1080p) or 2K HD (up to 2048x1152)
Power Supply	90-240 VAC / 0,7 A / 50/60 Hz
Dimensions	444 x 143 x 43 mm (17.5" x 5.6" x 1.7")

FUNCTIONAL DIAGRAM

VGA sources
(Computer, CPU)

CPU Switch
(as CPU Unit)

KVM matrix
(optional)

KVM extender
(CON Unit)

Console
(monitor, keyboard, mouse)

ORDER NUMBERS

PRODUCT	DATA TRANSMISSION	PART NO.
 Draco CPU Switch, 8x VGA, 2x HID, analog audio bidirectional, 2x USB 2.0 embedded, Cat X, redundant data link		L484-8VECWR
 Draco CPU Switch, 8x VGA, 2x HID, analog audio bidirectional, 2x USB 2.0 embedded, fiber, redundant data link		L484-8VESWR
 Draco CPU Switch, 8x VGA, 2x HID, analog audio bidirectional, 2x USB 2.0 embedded, fiber XV, redundant data link		L484-8VEXWR

ACCESSORIES

PRODUCT	PART NO.
VGA cable 2.0 m (VGA male to VGA male)	261-6J
USB cable 1.8 m (Type A to B)	247-U1
Stereo jack cable 1.6 m (3.5 mm stereo)	455-CK
IEC connection cable for power supply, lockable	474-IECLOCK
19"/1U rack mount kit for CPU Switch	474-6RMK