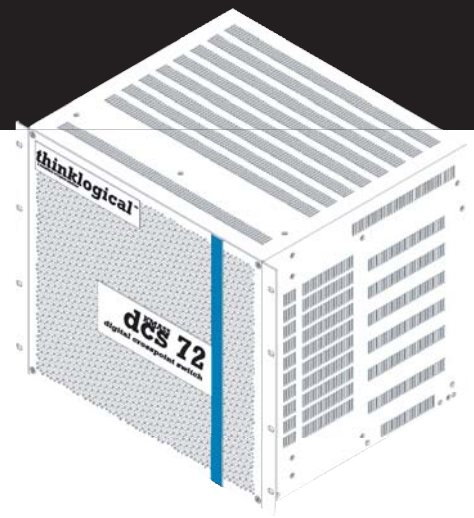




DCS Series of Digital Cross-point Switches

Scalable Fiber Digital Matrix Switch for Computer Access and AV Applications

Chassis-based modular fiber-in and fiber-out non-blocking matrix switch



Full Non-Blocking Switching of any PMD Thinklogical™ Video or KVM Extender Transmitter to any Compatible PMD Thinklogical™ Receiver(s).

The DCS series of digital cross-point switches are specifically designed to work with PMD Thinklogical™ fiber optic extenders. Conceptually, all user interface signals to and from a computer or video source are connected to PMD Thinklogical™ fiber optic transmitter and receiver devices using standard copper cabling. These copper cables should be the shortest length possible. The video signals will be transported over a dedicated single fiber (dual-link DVI will require two fibers), and all other (non-video) signals will be transported over a second fiber to a receiver, which converts all of the signals back to standard copper connections at the remote user location. The DCS series of products will sit between the fiber optic transmitters and receivers to allow the signals to be routed to desired locations.

Fiber-In / Fiber-Out Design Alleviates Cable Congestion! The DCS is the First Digital Matrix Switch to Incorporate Total Fiber Input/Output Design.

Fiber-in/Fiber-out eases installation, reduces cable congestion, and adds flexibility to the placement of computer sources and remote workstations in relation to the switch. Unlike traditional copper matrix switches, the DCS series permits unprecedented infrastructure flexibility and capability. Cable management is simple and clean, because the connections in and out of the DCS is fiber, unlike the maze of copper video and/or other cables required to connect other switches. Because the switch is essentially a fiber optic device, there may be long distances between the attached sources (computers, etc.) and destinations (consoles, projectors, displays, etc.). The copper cables may be kept to minimum lengths, maximizing performance and minimizing copper-related problems.

Modular Design

The DCS is modular. There is a chassis for just video fibers and one for KMASS (keyboard, mouse, audio, serial, stereo graphics) fibers. These chassis will act as one in use. They communicate with each other through a dedicated SMNP network. Each chassis has modules for power supplies (redundant), fans, fiber ports (groups of 8 or 16), and Linux-based PC control. All of the modules are hot-swappable, except the control module.

Replace Your Current Extenders and Add Users Without Adding More Fiber!

If you are currently using fiber to extend your desktop signals you may be using four or more fibers per link. Replacing your present extension systems with the PMD Thinklogical™ KVM X-tender may allow you to increase your number of users without increasing your fiber infrastructure, saving you time and money!

FEATURES:

- (Digital) fiber connections
- The best video transparency available end-to-end
- Non-blocking switching up to 32 x 32, 72 x 72 or 144 x 144 ports
- Scalable design
- Broadcast and multicast capability
- Easy browser (GUI) connectivity tool
- Scalable in 16 (4) and 8 (1) port increments
- Transparent to Operating Systems
- Linux control cpu module
- Hot swappable modules for:
 - | Input and output ports
 - | Fan tray
 - | Redundant power supplies
- Supports:
 - Video chassis supports all PMD Thinklogical™ extenders:
 - | DVI and analog RGB
 - | All sync configurations
 - KMASS chassis supports all KVM X-tenders from PMD Thinklogical™:
 - | DDC
 - | PS2, USB and legacy Sun
 - | Duplex Stereo Audio
 - | Serial, RS-232
 - | Stereo Graphics Port (BNC)

Distributor / Vertrieb:

VIDELCO – Professionelle Audio- Video- Medien-Technik!
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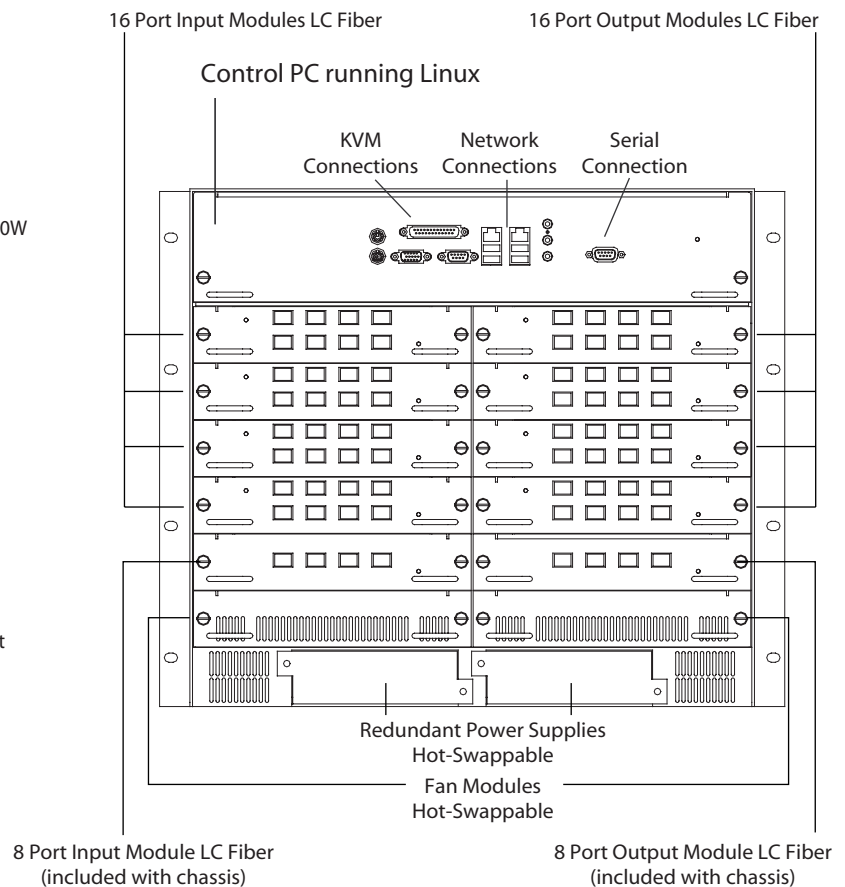
DCS Series of Digital Cross-point Switches

Select the Fiber Extender That Fits Your Application

Product	Model	No. of Fibers	Input Video	Output Video	Resolution
KVM X-tender	VIS-1	2	RGB or DVI	RGB or DVI	Up to 1600x1200
KVM X-tender	VIS-4	2	DVI	DVI	Any Single Link
KVM X-tender	VIS-5	2	RGB or DVI	RGB or DVI	Up to 1920x1200
KVM X-tender	VIS-8	3	Dual-Link DVI	Dual-Link DVI	Up to 3800x2400
DVI X-tender	Vis-3	1	DVI	DVI	Any Single Link

Specifications

Ports	8 x 8 minimum configuration Up to 32 x 32, 72 x 72, 144 x 144
Power Requirements	AC input: 100-240VAC, 47-63 Hz Universal AC power supply
Power Consumption	Configuration dependant 600W to 1800W
Operating temperature (convection)	0-50° C (32-122° F)
Humidity	5-95% RH, non-condensing
Physical Dimensions (DCS72)	Rack size: EIA 19" Height: 9U-15.75" (40cm) Width: 17.25" (43.82cm) Depth: 14" (35.56cm) Weight 60lbs. (27.22 kg)
Shipping Weight:	100 lbs. (45.36 kg) Dimensional Weight
Warranty	12 Months from date of purchase Extended warranties available



Ordering Information

DCS-032011	DCS 32 Video Chassis
DCS-032010	DCS 32 KMASS Chassis
DCS-000011	DCS 72 Video Chassis
DCS-000010	DCS72 KMASS Chassis
DCS-144011	DCS 144 Video Chassis
DCS-144010	DCS 144 KMASS Chassis
DCS-000003	Video Input Card (16 ports, LC fiber)
DCS-000004	Video Output Card (16 ports, LC fiber)
DCS-000001	KMASS Input Card (16 ports, LC fiber)
DCS-000002	KMASS Output Card (16 ports, LC fiber)

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