



8 Port KVM Matrix Switch

Introduction to the IHSE matrix switch family

Instant switching

Flex-Port technology

Up to 6G bandwidth

PRODUCT INFORMATION

The Draco tera compact switch is specifically designed for smaller KVM requirements using the same technology found in the larger Draco tera enterprise switch systems. Sized to support 8 ports, these models are offered in Cat X, fiber, fiber XV or universal combinations to switch. Based on a small footprint package, the cost effective frame can be used with all of the Draco extender modules creating one of the world's widest selection of KVM solutions. It is a simple operation to set up and configure the matrix with the on-screen display (OSD) or through the feature-

enhanced Draco tera tool. Extenders accommodate a variety of signal formats and the Draco tera compact auto-senses the individual units through any available port on the chassis. By simply connected the extender to the chassis, the internal control software will recognize and auto-configure the port as a CPU or console device. This Flex-Port technology provides a huge time saving for system installers who normally have to pre-configure ports to specific I/O requirements. The system includes instant switching technology for all the popular formats up to and

including 2560 x 2048 at 50/60Hz, 4K and Deep Color resolutions. With incredible speed, switching between sources is glitch-free and instantaneous thus reducing eye strain and annoying video tearing found with other systems. With the small footprint and ruggedized chassis design, the Draco tera compact is the perfect KVM space-saving solution where centralized switching of KVM is necessary. It is especially suited for space-constrained installations such as OB vans, small studios, training rooms or yachts.

PRODUCT FEATURES

- > Compact size, 1 RU (half wide)
- > Port connections for Cat X, fiber or coax cable
- > Instant delay-free switching
- > Flex-Port technology for dynamic port assignment
- > Mix & Match (fiber ports can be switched to Cat-X ports and vice versa)
- > Matrix Grid option allows multi-matrix connections through grid lines
- > Javabased tera Tool for configuration, operation and maintenance
- > Multi signal support: KVM, USB 2.0/3.0, SDI (SD/HD/3G)
- > Remote extenders can be updated through the matrix
- > API Service for connection with media controls
- > Mult-Screen Control
- > SNMP & Syslog monitoring
- > Redundant power supply
- > Support of fully or partly matrix redundancy

TECHNICAL DATA						
	KVM				Universal (KVM / SDI)	
	Cat X	Cat X XV	Fiber	Fiber XV	Fiber Multi-mode	Coaxial
Supported signals	DisplayPort, HDMI, DVI-D, DVI-I, USB 2.0, USB-HID, RS232, RS422, analog / digital or balanced audio				USB 3.0	SDI
Maximum resolutions						
DVI Single Link	1920 x 1200 @ 60 Hz / 24 bit				-	-
DVI Dual-Link	2560 x 2048 @ 60 Hz / 24 bit				-	-
4K	4K / UHD				-	-
Video	-				-	Up to 1080p
Bandwidth	1G	3G	1G	3G	6G	
Max. cable distance	140m	100m	10,000m	10,000m	100m	
Control	OSD (On Screen Display), Draco tera Tool (Java), API					
Power Supply	Internal power supply unit (100-240 VAC, 50/60 Hz, 0,7A max.) Redundant PSU available, Part No. 260-5G					
Dimensions	K480-8U (desktop version): 220 x 146 x 45 mm (8,7" x 5,7" x 1,8") B480-8U (board version): 100 x 140 x 43 mm					

ORDER NUMBERS

Device Models

Product	Data Transmission	Part No.
Draco tera compact 8 ports, Cat X (board version for mounting in Draco vario chassis)		B480-08C
Draco tera compact 8 ports, fiber (board version for mounting in Draco vario chassis)		B480-08F
Draco tera compact 8 ports, fiber XV (board version for mounting in Draco vario chassis)		B480-08X
Draco tera compact 8 ports, universal (board version for mounting in Draco vario chassis)		B480-08U
Draco tera compact 8 ports, Cat X (chassis version with integrated power supply)		K480-08C
Draco tera compact 8 ports, fiber (chassis version with integrated power supply)		K480-08F
Draco tera compact 8 ports, fiber XV (chassis version with integrated power supply)		K480-08X
Draco tera compact 8 ports, universal (chassis version with integrated power supply)		K480-08U



Please find suitable SFP modules and adapter cables for the hybrid versions (B480-08X, K480-08X) in our catalog.

Accessories

Product	Part No.
Power Supply Unit (100-240 VAC, 50/60 Hz, 3A max.)	260-5G
Rack mount kit for 2 bay Draco vario chassis with internal PSU	474-2NRMK