



16, 32 or 48 Port KVM Matrix Switch

Compact size: only one 19" RU required

Instant switching

Flex-Port technology

Up to 6G bandwidth

PRODUCT INFORMATION

The Draco tera compact switch with its compact size of one single 19" rack unit is specifically designed for smaller and mid-sized KVM requirements using the same technology found in the larger Draco tera enterprise switch systems. 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 can 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 full 24

bit 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 factory floor automation control systems, production studios, OB Vans, and command and control environments.

PRODUCT FEATURES

- > Compact size 1 RU
- > Port connections for Cat X, fiber, coaxial
- > 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
- > Multi-Screen Control
- > SNMP & Syslog monitoring
- > Redundant power supply
- > Support of fully or partly matrix redundancy

TECHNICAL DATA					
	KVM			Universal (KVM / SDI)	
	Cat X	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	1G	3G	6G	
Max. cable distance	140m	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, 2A max.)				
Dimensions	16, 32 and 48 ports: 443 x 435 x 45 mm (17.4" x 17.1" x 1.8")				

ORDER NUMBERS

Device Models

Product	Data Transmission	Part No.
Draco tera compact 16 ports, Cat X		K480-16C
Draco tera compact 16 ports, fiber		K480-16F
Draco tera compact 16 ports, fiber XV		K480-16X
Draco tera compact 16 ports, universal		K480-16U
Draco tera compact 32 ports, Cat X		K480-32C
Draco tera compact 32 ports, fiber		K480-32F
Draco tera compact 32 ports, fiber XV		K480-32X
Draco tera compact 32 ports, universal		K480-32U
Draco tera compact 48 ports, Cat X		K480-48C
Draco tera compact 48 ports, fiber		K480-48F
Draco tera compact 48 ports, fiber XV		K480-48X
Draco tera compact 48 ports, universal		K480-48U



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