



64 or 80 Port KVM Matrix Switch

Only two 19" RU required

Instant switching

Flex-Port technology

Up to 6G bandwidth

## PRODUCT INFORMATION

The Draco tera compact switch with its compact size of two 19" rack units is specifically designed for mid-sized KVM requirements using the same technology found in the larger Draco tera enterprise switch systems. Sized to support 64 and 80 ports, these models are offered in Cat X, fiber, fiber XV or universal combinations to switch. The hybrid versions incorporate IHSE-developed universal I/O cards which can be individually loaded with SFP modules for coax and fiber connections, allowing users to choose and mix transmission formats to suit their requirements (SuperSpeed USB

3.0 and 3G-SDI). Based on a small footprint package, this cost effective frame can be used with all of the Draco compact 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. 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. Where centralized switching of KVM is necessary, the Draco tera compact is the perfect KVM solution. It is especially suited for factory floor automation control systems, production studios, OB Vans, and command and control environments.

## PRODUCT FEATURES

- › Compact size 2 RU for 64 and 80 ports
- › 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, 2,3A max.)					
Dimensions	64 and 80 ports: 443 x 435 x 90 mm					

## ORDER NUMBERS

### Device types

Product	Data Transmission	Part No.
Draco tera compact 64 ports, Cat X		K480-64C
Draco tera compact 64 ports, fiber		K480-64F
Draco tera compact 64 ports, fiber XV		K480-64X
Draco tera compact 80 ports, Cat X		K480-80C
Draco tera compact 80 ports, fiber		K480-80F
Draco tera compact 80 ports, fiber XV		K480-80X

### Draco tera compact Hybrid Versions

Product	Data Transmission	Part No.
Draco tera compact 64 ports (48 Cat X, 16 fiber)		K480-48C16F
Draco tera compact 80 ports (48 Cat X, 32 fiber)		K480-48C32F
Draco tera compact 80 ports (48 Cat X, 16 universal)		K480-48C16U
Draco tera compact 64 ports (48 fiber, 16 universal)		K480-48F16U
Draco tera compact 80 ports (48 Cat X, 32 fiber)		K480-48C32U
Draco tera compact 80 ports (48 fiber, 32 universal)		K480-48F32U



Please find suitable SFP modules and adapter cables for the hybrid versions in our catalog.