



576 port KVM matrix switch

Non-blocking switching

Modular architecture

Redundant CPU and PSU options

PSU redundancy

Mix & Match (Cat X and fiber)

PRODUCT INFORMATION

The Draco tera enterprise KVM matrix switch 576 heralds a new era in KVM matrix switching. Each of its 576 ports can be used as an input or output with dynamic port allocation through Flex-Port technology: Extenders connected to the matrix are automatically recognized and assigned. Cat X and fiber ports can be mixed in a single switch, allowing the most appropriate type

to be selected in every instance. Mix & Match functionality allows signals to flow from one type of cable to the other; unrestricted and without corruption. Switching operation continues even when cables are being reconfigured or changed. With its massive contingent of 576 non-blocking ports, the Draco tera enterprise switch 576 meets the requirements of the largest installations.

Enormous transfer speed delivers uncorrupted real-time audio and video transmission with instant switching and unrestricted access to any source. Its single-frame, modular construction simplifies installation and facilitates future-proofing and system redundancy procedures.

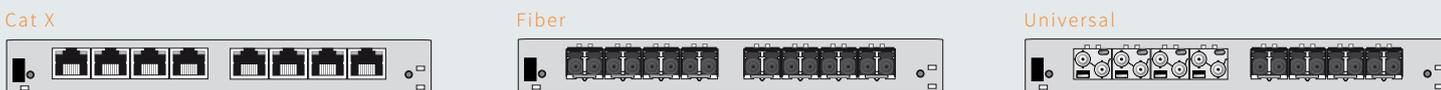
PRODUCT FEATURES

- › Flex-Port dynamic port assignment for maximum flexibility and ease of installation
- › Modular and scalable architecture up to 576 ports
- › Port connections for fiber, Cat X and coax cable
- › Mix & Match switching between fiber and Cat X ports
- › Extender firmware updates through matrix control
- › Extensive user control and access management
- › Dual power supply units as standard, redundant power supply by optional third and fourth PSU
- › Matrix Grid software for multi-frame connectivity within one system
- › Reverse airflow and mounting options, variable mounting depth
- › 2-channel airflow for flexible cooling options (warm aisle, cold aisle)

TECHNICAL DATA		
Input Interface	Cat X or fiber (any combination)	
Output Interface	Cat X or fiber (any combination)	
Distance per connection (max.)	Cat X Single-mode (9µ)	140 m 10,000 m (up to 160 km with special SFP's)
Resolution (max.)	1920 x 1200 @ 60 Hz - DVI-D (Single-Link) 2560 x 2048 @ 60 Hz - DVI-D (Dual-Link) 3840 x 2160 @ 60 Hz - DisplayPort (Ultra HD) 4096 x 2160 @ 60 Hz - DisplayPort (4K DCI)	
Optional Interfaces	DVI-D, DVI-I (VGA), HDMI, DisplayPort 1.1 (30 Hz) and 1.2 (60 Hz), USB-HID, USB 2.0, USB 3.0, SDI, analog audio, digital audio and RS232 / RS422 options, PS/2 (interfaces depend on the used CPU/CON unit)	
Control	OSD (On Screen Display) on each console, Draco tera Tool, API	
Power Supply	Internal power supply unit (90-240V Input), 4 x 1050 W (2x PSU required, 1x redundant, 1x optional)	
Dimensions	450 x 435 x 1108 mm (25 RU)	

MODULAR ARCHITECTURE, SCALABLE SYSTEM, FLEXIBLE APPLICATION

The Draco tera enterprise switches KVM signals as well as other types (including SDI, MADI Audio and USB 3.0). Each I/O board provides 8 freely-assignable input/output ports and can be placed in any slot on the Draco tera enterprise. A choice can be made between Cat X, fiber or universal cards.



FUNCTIONAL DIAGRAM

