



576 port KVM matrix switch

Symmetric port switching to 288x288

Modular architecture

Redundant CPU and PSU options

Mix & Match (Cat X and fiber)

Cost-efficient switchplane layout

PRODUCT INFORMATION

The Draco tera enterprise KVM matrix switch 576S offers a new dimension in large-scale KVM matrix switching. Configured as a symmetric array of up to 288 input and 288 output ports it offers the same level of high quality performance and switching speed as the whole of the Draco tera enterprise range. It is ideal for systems that exceed a total of 288 ports and there is a reasonable equivalence between the

number of sources and workstations. 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 288 inputs and 288 outputs, the Draco

tera enterprise switch 576S meets the requirements of many of the largest installations. Enormous transfer speed delivers uncorrupted real-time audio and video transmission with instant switching. Its single-frame, modular construction simplifies installation and facilitates future-proofing and system redundancy procedures.

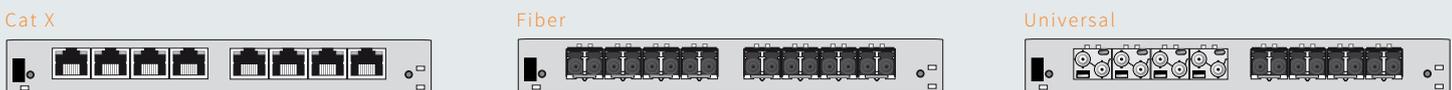
PRODUCT FEATURES

- › Flex-Port dynamic port assignment for ease of installation
- › Modular and scalable architecture up to 576 ports in 288 x 288 input/output format
- › Port connections for fiber, Cat X or 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 supplied 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

