



48, 80, 152, 160, 288 or 576 ports

Instant switching

Redundant controller board option

Full Active Directory support

Matrix Grid (interconnection of matrices)

Modular architecture

PRODUCT INFORMATION

The Draco tera enterprise is the perfect high performance, modular enterprise routing system for complete in-band signal distribution of high definition video, audio, and data over Cat X, multi-mode or single-mode fiber optic cable supporting up to 576 I/O ports in a single frame. Designed with performance and flexibility in mind, Draco tera enterprise offers tremendous scalability with cost effective features. Each port can

be user configured as an input or an output scalable from one CPU to multiple workstations or with multiple CPUs managed by a single workstation console. For mission-critical installations Draco tera matrix switches are ideal. The multi-level redundancy concept of the Draco tera enterprise offers the highest level of reliability for 24/7 operation. Each Draco tera enterprise chassis supports fully redundant power and

hot swappable modules for full service and field upgrades without interrupting signal flow. Furthermore, the devices of the enterprise series are compatible with Draco compact, vario and ultra extenders. The controller board (480-CTRL2) features additional redundant network connectivity including auto failover for Draco tera enterprise 48, 80, 152 (equivalent to 160) and 288 KVM switches.

PRODUCT FEATURES

- › Scalable and flexible architecture
- › 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)
- › API Service for connection with media controls
- › Multi-Screen Control
- › SNMP & Syslog monitoring
- › Redundant power supply
- › Support of fully or partly matrix redundancy
- › Redundant controller board option for Draco tera enterprise 48, 80, 152 (equivalent to 160) and 288

TECHNICAL DATA					
Input Interface	Cat X or fiber (any combination)				
Output Interface	Cat X or fiber (any combination)				
Distance per connection (max.)	Cat X	140 m			
	Cat X XV	100 m			
	Multi-Mode	1,000 m			
	Single-Mode (9µ)	10,000 m (up to 160 km with special SFP's)			
	Coaxial	100 m (RG 59 B/U)			
Optional Interfaces	DVI-D, DVI-I (VGA), HDMI, DisplayPort 1.1 (Duallink / 4K 30 Hz) and 1.2 (4K 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 respective CPU/CON unit)				
Control	OSD (On Screen Display) on each console, Draco tera Tool, API				
	48 ports (3 RU)	80 ports (4 RU)	152 / 160 ports (9 RU)	288 ports (13 RU)	576 ports (25 RU)
Power Supply	5 A, 100-240 Vac, 50/60 Hz	5 A, 100-240 Vac, 50/60 Hz	9 A, 100-240 Vac, 50/60 Hz	12 A, 100-240 Vac, 50/60 Hz	20 A, 100-240 Vac, 50/60 Hz
Dimensions	483 x 133 x 230 mm	483 x 178 x 230 mm	483 x 400 x 330 mm	483 x 578 x 330 mm	450 x 1108 x 435 mm

ORDER NUMBERS

DEVICES	PART NO.
Draco tera enterprise with 48 ports (base unit with controller module and 1x power supply unit), 3 RU, free configuration	K480-048-R1
Draco tera enterprise with 80 ports (base unit with controller module and 1x power supply unit), 4 RU, free configuration	K480-080-R1
Draco tera enterprise with 152 ports (base unit with controller module and 2x power supply units), 9 RU, free configuration. - Secondary controller module for redundancy/auto failover as an option.	K480-152-R1
Draco tera enterprise with 160 ports (base unit with controller module and 2x power supply units), 9 RU, free configuration	K480-160-R1
Draco tera enterprise with 288 ports (base unit with controller module and 2x power supply units), 13 RU, free configuration	K480-288-R1
Draco tera enterprise with 576 ports (base unit with 2x controller modules and 2x power supply units), 25 RU, free configuration	K480-576-R1
Draco tera enterprise with 576 ports symmetric (base unit 2 x 288 ports (288 inputs / 288 outputs) with 2x controller modules and 2x power supply units), 25 RU, free configuration	K480-576S-R1



The Draco tera base unit includes at least one CPU module, fan trays, an exchangeable filter pad and one or two power supply units depending on the model. Choose I/O modules and other accessories according to your requirements.