



48, 80, 160, 288 or 576 ports

Instant switching

Mix & Match (Cat X & fiber)

Matrix Grid (enhanced cascading)

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.

## 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)
- › 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					
Input Interface	Cat X or fiber (any combination)				
Output Interface	Cat X or fiber (any combination)				
Distance per connection (max.)	Cat X		140 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 (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				
	48 ports (3 RU)	80 ports (4 RU)	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

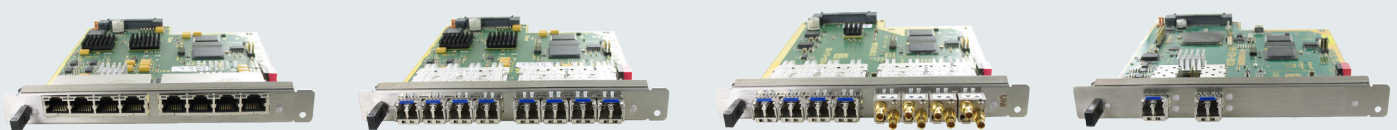
## ORDER NUMBERS

### Device Types

Product	Part No.
Draco tera enterprise with 48 ports (base unit with control board and one power supply unit), 3 RU, free configuration	K480-048
Draco tera enterprise with 80 ports (base unit with control board and one power supply unit), 4 RU, free configuration	K480-080
Draco tera enterprise with 160 ports (base unit with control board and two power supply units), 9 RU, free configuration	K480-160
Draco tera enterprise with 288 ports (base unit with control board and two power supply units), 13 RU, free configuration	K480-288
Draco tera enterprise with 576 ports (base unit with 2x control board and two power supply units), 25 RU, free configuration	K480-576
Draco tera enterprise with 576 ports symmetric (base unit 2 x 288 ports (288 inputs / 288 outputs) with 2x control board and two power supply units), 25 RU, free configuration	K480-576S





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

## DRACO TERA I/O CARD OPTIONS



The Draco tera enterprise matrix switch can accommodate a wide range of signal formats. I/O cards can be mixed in the same frame allowing great flexibility for any switch and routing application.

### I/O Boards

Product	Data Transmission	Part No.
Draco tera enterprise Cat X I/O board (8 ports)		480-C8
Draco tera enterprise fiber, I/O board incl. 8 x 459-1S (8 ports)		480-S8
Draco tera enterprise fiber XV I/O board incl. 8 x 459-1V (8 ports)		480-V8
Draco tera enterprise universal I/O board for USB 3.0 and SDI, empty, free configuration (8 ports)		480-UNI16
Draco tera enterprise Grid, 8 to 1 port I/O board, fiber (up to 1.4 km, 10 km upon request), 10G, incl. 1x 459-10S		480-GRD-S8