

KVM MATRIX SWITCHES FROM 48 TO 576 PORTS



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

Instant switching

Redundant controller card optional

Full Active Directory support

Matrix Grid (extended cascading)

Modular system

Illustration shows base units equipped with I/O cards (have to be ordered separately)

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
- Java-based 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 full or partial matrix redundancy
- Redundant controller board option for Draco tera enterprise 48, 80, 152 (equivalent to 160) and 288
- Tera Web Control - optional graphical webUI for control

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TECHNICAL DATA

Input interface	Cat X or fiber (every combination)				
Output interface	Cat X or fiber (every combination)				
Max. distance per connection	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 SFPs)			
	Koaxial	100 m (RG 59 B/U)			
Possible 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 serial data (dependant on CPU/CON units used)				
Control	OSD (On Screen Display) on each console, Draco tera Tool, API				
	48 ports (3 RU)	80 ports (4 RU)	152/160 ports (13 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 (WxHxD)	483x133x230 mm	483x178x230 mm	483x415x420 mm	483x591x420 mm	483x1108x435 mm
Mounting options in the rack	on one side	on one side	on two sides	on two sides	on two sides
Max. number of power supply units	2 (1 optional)	2 (1 optional)	4 (2 optional)	4 (2 optional)	4 (2 optional)

ORDER NUMBERS

DEVICES (BASE UNIT, NO I/O BOARDS INCLUDED)	PART NO.
Draco tera enterprise with 48 ports (base unit with controller card, 1x power supply unit), 3 RU, free configuration - Optional second controller card for redundancy with automatic fail-over function	K480-048-R1
Draco tera enterprise with 80 ports (base unit with controller card, 1x power supply unit), 4 RU, free configuration - Optional second controller card for redundancy with automatic fail-over function	K480-080-R1
Draco tera enterprise with 152 ports (base unit with controller card, 2x power supply unit), 9 RU, free configuration - Optional second controller card for redundancy with automatic fail-over function	K480-152-R2
Draco tera enterprise with 160 ports (base unit with controller card, 2x power supply unit), 9 RU, free configuration	K480-160-R2
Draco tera enterprise with 288 ports (base unit with controller card, 2x power supply unit), 13 RU, free configuration - Optional second controller card for redundancy with automatic fail-over function	K480-288-R2
Draco tera enterprise with 576 ports (base unit incl. two controller cards for redundancy with automatic fail-over function, incl. two power supply units, 25 RU, free configuration	K480-576-R2
Draco tera enterprise with 576 ports symmetrical (base unit 2 x 288 ports (288 inputs / 288 outputs) incl. two controller cards for redundancy with automatic fail-over function, 2x power supply unit), 25 RU, free combination	K480-576S-R2

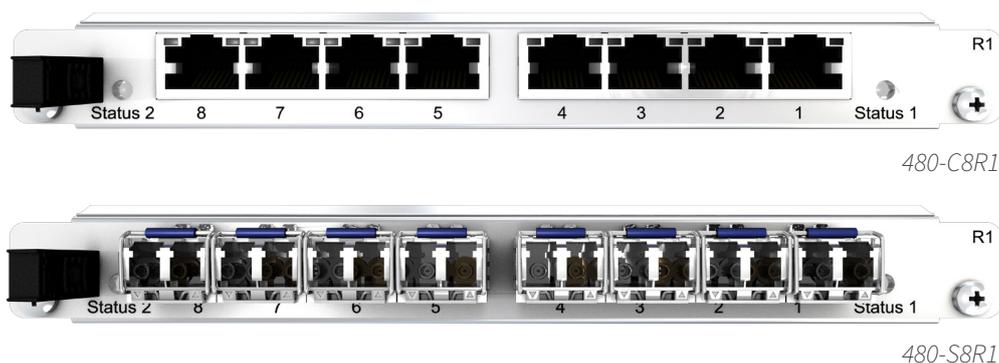
NOTE:

The Draco tera base unit includes fan trays and an exchangeable filter pad. Choose I/O modules and other accessories (see next page) according to your requirements.



IHSE offers an online tool for free configuration of your KVM projects. It enables documentation and verification of individual extenders up to complete matrix applications. All KVM switches and extenders are available for selection, including add-on modules, chassis variants and special accessories: dsd.ihse.com

ACCESSORIES



I/O CARDS

	PART NO.
Draco tera enterprise Cat X I/O module (8 ports), 1 G, version 1	480-C8R1
Draco tera enterprise Cat X I/O module (8 ports), 3 G	480-C8X
Draco tera enterprise fiber I/O module (8 ports), 1 G, incl. 8x SFP 459-1S	480-S8R1
Draco tera enterprise fiber I/O module (8 ports), 3 G, incl. 8x SFP 459-1V	480-S8X

CONTROLLER AND IP CARDS

Draco tera enterprise controller card (version 2)	480-CTRL2
Draco tera enterprise IP Gateway card	480-IPG

POWER SUPPLY UNITS

Replacement and redundancy power supply unit for Draco tera enterprise with 48/80 ports	K480-RED-048-080
Replacement and additional power supply unit for Draco tera enterprise with 152/160/288/576 ports, Rev. 2	K480-RED152-576-R2

FAN TRAYS

Draco tera enterprise slide-in fan tray for 48 ports	480-FAN-048
Draco tera enterprise slide-in fan tray for 80 ports	480-FAN-080
Draco tera enterprise slide-in fan tray for 152/160 and 288 ports	480-FAN-160/288
Draco tera enterprise slide-in fan tray for 576 ports	480-FAN-576

FILTER PADS

Draco tera enterprise filter pad for 48 ports	480-FLTR-048
Draco tera enterprise filter pad for 80 ports	480-FLTR-080
Draco tera enterprise filter pad for 160/288 ports	480-FLTR-160
Draco tera enterprise filter pad for 576 ports	480-FLTR-576

LICENSES

Tera Web Control access license for one session	480-TWC-L1
Tera Web Control access license for five sessions	480-TWC-L5
Tera Web Control access license for ten sessions	480-TWC-L10