Draco vario extender Dual Link

482 Series

- Resolutions up to 2560 x 2048
- Data transfer via Cat X or fiber on even 1 Gbps
- Only 1 interconnect cable required
- Compatible to all Draco tera KVM matrices

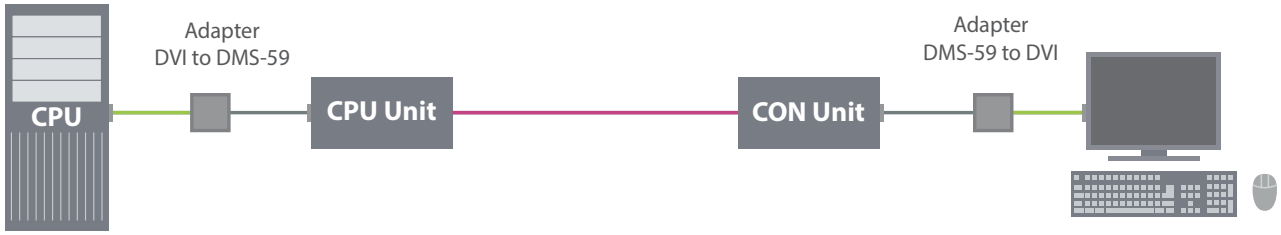
The Draco vario Dual Link enables the transmission of DVI signals to one single monitor up to a resolution of 2560 x 2048 pixels. Extension of signals requires a single Cat X or fiber cable link. Special monitor resolutions used in particular industries like Air Traffic Control applications (e.g. 2048 x 2048) are also supported. Dual Link consoles can also access regular Single-Head/ Single Link CPU Units using the Center Mode Option. The Draco vario Dual Link can be installed in all types of Draco vario chassis and is compatible with all upgrade modules of the Draco extender family. The device can also be used in conjunction with matrix switches and is compatible with the existing Draco tera KVM matrix hardware.

Draco vario Dual Link extender

- Via DMS-59 Dual Link interface, high resolution video signals up to 2560 x 2048 @ 60Hz can be transmitted
- The DMS-59 port can also be used for Dual-Head applications (2x Single-Link) by applying an optional adapter pair
- Compatible with regular Single-Head/Single Link extenders
- Compatible with all chassis of the Draco vario extenders series
- Can be used with existing Draco tera KVM matrix hardware

Functional Diagram: Dual Link

The DMS-59 adapters to connect the CPU or monitor to the devices are included in the list of parts delivered.



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Dual Link

Technical Data	
Input Interface	DVI-D Dual Link to DMS-59 adapter (included)
Output Interface	DMS-59 to DVI-D Dual Link adapter (included)
Resolution (max.)	2560 x 2048 @ 60Hz
Data Rate (max.)	330 MPixel/s
Distance (max.)	140 m Cat X, 10,000 m single-mode fiber (9 µ)
Optional Interfaces	USB 2.0 (High-Speed or Full-Speed), analog audio with RS232 or RS422, digital audio, PS/2, etc.
Keyboard / Mouse	USB-HID
Power Supply	International power supply unit (90-240V Input)
Mounting accessories	19" rack mount kit and brackets available
Upgradable	Onboard Flash

Advantages of Draco extenders

In many areas and industries computers have to be removed from working environments to enable greater workflow efficiency. Extenders allow separating computers from the input and output devices like keyboard, mouse and monitors.

To avoid losses in quality you will need an extender that works like a booster – maintaining fidelity and clarity of the signals and the video. This task can be realized by the use of regular Cat X network cables. For mission critical applications it is also possible to apply optical fiber cables.

Why does it make sense to remotely locate a CPU?

- Protection against dust, moisture and vibrations
- Prevention of theft and unauthorized CPU access
- Simplified maintenance, configuration and administration of multiple user computers at a central point
- Centralized installation of software updates (particularly simple in combination with a KVM switch)
- Air conditioning of CPUs increases life cycles and ensures constant performance
- Pleasant working environment by enhancing space and reducing noise and heat pollution caused by powerful computers
- Reduction of energy consumption

Which are the main industries benefiting from the use of Draco vario extenders?

- **Broadcast and pro-AV** (high image resolutions and transfer speed)
- **Education and training** (Remote desktops in educational institutions)
- **Air Traffic Control** (resilience and reliability; minimum space requirements)
- **Government and military facilities** (high security; red/black separation)
- **Maritime applications** (minimum space requirements; ruggedized devices)
- **Healthcare facilities and medical installations** (e.g. instant transfer of medical images to the doctor's desktop)
- **Commercial and financial sectors, office facilities** (keep CPUs off the factory/trading floor)
- **Any safety-critical application** to limit or prevent user's CPU access

Graphics

L482-1DHC
L482-1DHS
L482-1DHX

R482-1DHC
R482-1DHS
R482-1DHX

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