



- Energy and space saving for high packing density
- Variable chassis selection due to modular design
- Optionally expandable with audio and data interfaces
- Transmission of two video signals via one cable
- Optionally expandable with audio/USB interfaces

PRODUCT INFORMATION

The Draco vario DisplayPort 1.1 Dual-Head KVM extender allows the visually lossless extension of high-resolution video and audio signals via the DisplayPort interface. Fully digital video signals can be transmitted in Single-Head operation in 4K resolutions up to

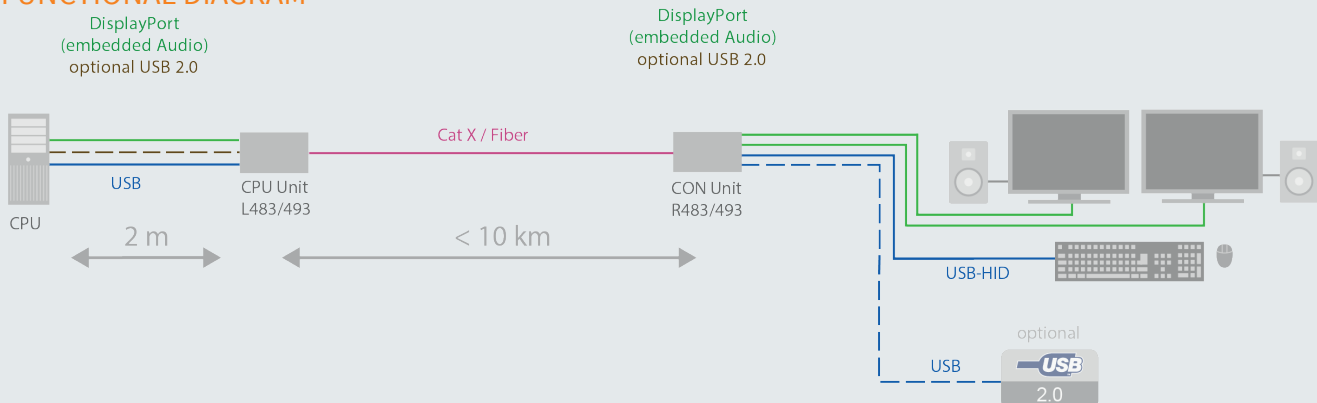
4096 x 2160 (4K DCI) and 3840 x 2160 (UHD). In Dual-Head mode, resolutions of up to 1920 x 1200 pixels per channel are supported. The embedded 2-channel L-PCM stereo audio signal is directly reproduced by the connected displays with integrated speakers. In

combination with optional analog or digital audio modules, the stereo signal can be extracted and output separately. The Draco vario DisplayPort 1.1 Dual-Head KVM extender is also compatible* with Draco tera KVM matrix systems.

PRODUCT FEATURES

- Operating a remote workstation with two DisplayPort monitors and USB HID devices (keyboard/mouse)
- Transmission of fully digital video signals up to 4K DCI (4096 x 2160) and UHD (3840 x 2160) up to 30 Hz
- The DisplayPort interface can transmit the PCM audio format at a sample rate of up to 96 kHz
- Intelligent monitor EDID management
- Optional: Redundant connections for 24/7 availability
- Compatibility with all common operating systems (Linux, Unix, Windows, Mac OS) and Draco vario chassis
- Compatible* with IHSE Draco tera KVM matrix systems, all additional modules of the Draco vario extender series for audio and data signals such as USB or RS232

FUNCTIONAL DIAGRAM



*Video transmission of the Draco vario ultra series 490, 492 and 493 is not compatible with the modules of the Draco vario series 474, 481, 482, 483 and Draco compact 477 series.

TECHNICAL DATA						
Input	Primary channel: 1x DisplayPort 1.1 Secondary channel: 1x MiniDisplayPort 1.1					
Output	Primary channel: 1x DisplayPort 1.1 Secondary channel: 1x MiniDisplayPort 1.1					
Audio (embedded)	Stereo Linear Pulse Code Modulation (LPCM), PCM 2 channel					
Maximum Resolution	Primary channel: 1920 x 1080 @ 144 Hz 1920 x 1200 @ 60 Hz ----- Single-Head Operation: 2560 x 2048 @ 60 Hz (24 bit) - Dual Link 3840 x 2160 @ 30 Hz (24 bit) - Ultra HD 4096 x 2160 @ 30 Hz (24 bit) - 4K DCI			Secondary channel: 2x 1920 x 1200 @ 60 Hz		
Keyboard / Mouse	USB-HID					
Optional Interfaces	USB 2.0 (High Speed oder Full Speed), analog audio with RS232 or RS422, digital audio, PS/2, USB embedded, balanced audio					
Maximum Cable Distance	Cat X	Single-Mode Fiber (9 μ)	Single-Mode Fiber XV (9 μ)	Multi-Mode Fiber (50 μ, OM3)	Multi-Mode Fiber (50 μ)	Multi-Mode Fiber (62,5 μ)
	140 m	10.000 m	5.000 m	1.000 m	400 m	200 m
Power Supply	5VDC (power supply via the used Draco vario chassis)					
Power Input	510 mA (power input via the used Draco vario chassis)					
Dimensions	20 x 129 x 143 mm					
Weight	100 g					
Chassis	Suitable Draco vario chassis under the following link: https://www.ihse.com/chassis-accessoires/					



ORDER NUMBERS

DRACO VARIO SERIES 483		PART NO.
Draco vario CPU module DP1.1, DH, 4K30 o. 2x1080p, USB HID, Cat X 1G		L483-B2HC
Draco vario CPU module DP1.1, DH, 4K30 o. 2x1080p, USB HID, Fiber LC SM 1G		L483-B2HS
Draco vario CPU module DP1.1, DH, 4K30 o. 2x1080p, USB HID, Fiber LC SM 3G		L483-B2HX
Draco vario CPU module DP1.1, DH, 4K30 o. 2x1080p, USB HID, Cat X 1G, red.		L483-B2HCR
Draco vario CPU module DP1.1, DH, 4K30 o. 2x1080p, USB HID, Fiber LC SM 1G, red.		L483-B2HSR
Draco vario CPU module DP1.1, DH, 4K30 o. 2x1080p, USB HID, Fiber LC SM 3G, red.		L483-B2HXR
Draco vario CON module DP1.1, DH, 4K30 o. 2x1080p, USB HID, Cat X 1G		R483-B2HC
Draco vario CON module DP1.1, DH, 4K30 o. 2x1080p, USB HID, Fiber LC SM 1G		R483-B2HS
Draco vario CON module DP1.1, DH, 4K30 o. 2x1080p, USB HID, Fiber LC SM 3G		R483-B2HX
Draco vario CON module DP1.1, DH, 4K30 o. 2x1080p, USB HID, Cat X 1G, red.		R483-B2HCR
Draco vario CON module DP1.1, DH, 4K30 o. 2x1080p, USB HID, Fiber LC SM 1G, red.		R483-B2HSR
Draco vario CON module DP1.1, DH, 4K30 o. 2x1080p, USB HID, Fiber LC SM 3G, red.		R483-B2HXR



IHSE offers a configurator for all Draco products. Check out our product site at <https://dsd.ihse.com/designer> and select your preferred solution. Equip it with your required modules and simulate your fully loaded frame.