Draco vario ultra
Series 492
Dual-Head / Dual Link KVM Extender

PRODUCT INFORMATION
The Draco vario ultra Dual-Head KVM extender enables the connection of two DVI monitors over a single Cat X or fiber cable, saving the expense of a second extender and reducing cabling cost and installation effort. When used in conjunction with KVM matrix systems, the Draco vario ultra Dual-Head KVM extender saves valuable matrix ports.

Its sister product, the Draco vario ultra Dual Link KVM extender, enables the transmission of DVI signals to one single monitor up to 4K resolution. Extension of signals requires a single data cable. The extenders are compatible with regular Single-Head/Single Link sources. Consoles can access Single-Head/Single Link CPU Units instantaneously. In this situation, signals from Single-Head/Single Link sources are embedded within the Dual Link signal format and can be switched with no discernible switching delay. Single-Head/Single Link images are displayed at their own native resolution within a blanked area on-screen.

PRODUCT FEATURES
- Excellent image quality at all resolutions
- Only one KVM matrix port per unit required
- Wide range of additional options:
  - Two USB ports for HID devices
  - USB 2.0 embedded/full speed
  - Serial interface (RS232 or RS422)
  - Analog audio
  - Digital audio
- Redundant data link
- 19” rack mount kit available
- Redundant power (load-sharing) optional
- Compatible* with all:
  - major operating systems
  - chassis of the Draco vario series
  - IHSE Draco KVM matrix switches
  - other main modules of Draco vario ultra extenders (49x series)
  - Draco vario upgrade modules for audio and data signals such as USB 2.0, balanced audio or RS232

* Video transmission of the Draco vario ultra series 490, 492 and 493 series is not compatible with the main modules of the Draco vario series 474, 481, 482, 483 and Draco compact 417 series.

Next generation KVM extenders with integrated Fraunhofer IIS’s lightweight coding technology

Lici® (Lightweight Image Coding technology)
- Mezzanine compression up to mathematically lossless
- Low latency
- No frame drops
- RGB/YCbCr or raw data compression
- 2K/4K/8K possible or higher frame rates

Resolutions up to 2560 x 2048 and 4K@30Hz
- DMS-59 adapter included
- Dual-Head for two DVI Single Link monitors
- Option for redundant path interconnects
- Data transmission via Cat X or fiber

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TECHNICAL DATA

<table>
<thead>
<tr>
<th>Input</th>
<th>DMS-59 (DVI-D Dual-Head/Single Link adapter)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DMS-59 (DVI-D Dual Link adapter)</td>
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<tr>
<td>Output</td>
<td>DMS-59 (DVI-D Dual-Head/Single Link adapter)</td>
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<tr>
<td></td>
<td>DMS-59 (DVI-D Dual Link adapter)</td>
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<tr>
<td>Data rates (max.)</td>
<td>2 x 165 MPixel/s (Dual-Head)</td>
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<tr>
<td></td>
<td>330 MPixel/s (Dual Link)</td>
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<tr>
<td>Maximum Resolution</td>
<td>For Draco vario ultra Dual-Head up to 2 x 1920 x 1200 @60 Hz</td>
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<td></td>
<td>For Draco vario ultra Dual Link up to 2560 x 2048 @ 60Hz or 4K @ 30 Hz</td>
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<tr>
<td>Maximum Cable Distance</td>
<td>Cat X 140 m</td>
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<tr>
<td></td>
<td>Multi-mode 1 km</td>
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<td></td>
<td>Single-mode X (9 µ)</td>
</tr>
<tr>
<td></td>
<td>Single-mode (9 µ)</td>
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<tr>
<td>Optional Interfaces</td>
<td>USB 2.0, analog audio with RS232, RS422, digital audio, PS/2, etc.</td>
</tr>
<tr>
<td>Keyboard/Mouse</td>
<td>2 x USB-HID</td>
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DRACO VARIO ULTRA DUAL LINK

ORDER NUMBERS

<table>
<thead>
<tr>
<th>CPU Unit</th>
<th>CON Unit</th>
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<tbody>
<tr>
<td>L492-BDHC</td>
<td>R492-BDHC</td>
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<tr>
<td>L492-BDHS</td>
<td>R492-BDHS</td>
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<tr>
<td>L492-BDHSR</td>
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<tr>
<td>L492-BDHXR</td>
<td>R492-BDHXR</td>
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DRACO VARIO ULTRA DUAL-HEAD

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<th>CPU Unit</th>
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<td>R492-B2HC</td>
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<td>L492-B2HS</td>
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<tr>
<td>L492-B2HXR</td>
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</tr>
<tr>
<td>L492-B2HCR</td>
<td>R492-B2HCR</td>
</tr>
<tr>
<td>L492-B2HSR</td>
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