PRODUCT INFORMATION

Function
The add-on module for USB 2.0 embedded provides bidirectional USB 2.0 transmission to existing systems. USB signals are transmitted with a speed of up to 36 Mbit/s, embedded within the KVM data stream through the main extender module. No additional Cat X or fiber link is required.

Application
The module offers two USB ports on the CON side, each with 500 mA supply for various devices and applications. Many USB 2.0 devices such as mass storage, graphic tablets, touch screens and fingerprint sensors can be connected near the workstation and integrated into existing systems. Depending on the device, USB data is transferred in isochron dating or bulk process.

Installation
The module is designed as a half-slot width card for combination with other add-on modules, e.g. analog audio with other main extender modules. This provides an increase in functionality and flexibility. The Draco vario system allows flexible mounting of modules on all main modules and in all Draco vario chassis. Via plug and play, USB ports can be used directly.

PRODUCT FEATURES

- Enables bidirectional USB data transmission between workstation (CON unit) and computer (CPU unit)
- Transmission in the data stream of the main module, no additional port on the matrix required (function is also given over matrix)
- USB 1.1 and 2.0 support
- Compatible with USB 2.0 devices
- Maximum bandwidth 36 Mbit/s
- Module can be operated with all Draco vario and Draco ultra KVM extenders
- Isochronic and bulk data transmission support
- Number of ports or connected devices can be extended via HUB (not included)
Draco vario Extender

Add-on module with 2x USB 2.0

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>L474-BXE (CPU)</th>
<th>R474-BXE (CON)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USB interface:</strong></td>
<td>USB 1.1/2.0 (36 Mbit/s max.)</td>
<td>CPU: USB Type B</td>
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<td></td>
<td></td>
<td>CON: 2x USB Type A</td>
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<td><strong>Maximum distance</strong></td>
<td>Cat X: 140 m</td>
<td>Multi-mode: 1,000 m</td>
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<td></td>
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<td>Single-mode (9µ): 10,000 m</td>
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<tr>
<td><strong>Power consumption</strong></td>
<td>CPU: 90 mA</td>
<td>CON: 1170 mA (depending on connected devices)</td>
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</table>

**FUNCTIONAL DIAGRAM**

**ORDER NUMBERS**

L474-BXE

R474-BXE

These models can also be extended by additional half-sided modules, for example balanced / digital audio or RS232/422. Combinations available on request.