



NIAP PP 4.0 Conformity*

Designed to meet Common Criteria EAL4+

Compatible with Draco vario extenders

Compatible with Draco tera matrices

DP/HDMI combo interface

PP4 / EAL4+
Pending

PRODUCT INFORMATION

When it is key to protect your intellectual property or homeland security while still allowing the most flexible access to IT assets, use the Draco vario Secure DP/HDMI Extender to extend keyboard, video, mouse and audio signals without entailing any loss of quality up to 10 km. Pictures are displayed without delay, brilliantly clear and in highest resolutions, including full HD and 2K. Even 3D formats can be transmitted fast and without difficulty. Experience

excellent sound data with finest details by digital audio transmission via DP/HDMI or the analog interface. Take advantage of link and power redundancy for most failsafe interconnections via single-mode or multi-mode fiber. Both, CPU and CON devices are equipped with signal isolation for future compatibility with NIAP PSD PP 4.0. For this behalf, IHSE has integrated known & reliable certified components of security specialist HighSecLabs (HSL). This

makes sure there is up to date security against leaking data. In combination with Draco tera matrix switches and Draco vario extenders, even a secure setup of classified and unclassified endpoints can be achieved that way. And, since isolation is available at both ends data leakage or eaves dropping is impossible even, if there is a cross-over of secured devices and unsecured devices used for commercial reasons.

PRODUCT FEATURES

- Draco vario series 487 in 474-BODY2N chassis (Kit)
- DP/HDMI combo port
- High resolution video can be transmitted via DP/HDMI interface
- The interface is compatible with 3D technology: Side-by-Side and Top-and-Bottom formats can be transmitted
- Allows operation of a CPU from a remote workstation with an DP/HDMI monitor and two USB-HID devices (such as a keyboard and pointing devices) and audio speakers
- Compatible with all major operating systems
- Compatible with all IHSE Draco KVM switches as well as Draco vario and Draco compact extenders
- DP/HDMI embedded audio is cross-compatible with digital audio add-on modules
- Redundant data link

ADDITIONAL OPTIONS

- Support for Draco tera enterprise and compact matrix switches 8-576 ports
- Pair with Draco vario Non-PP4 extenders when used in secure facilities
- Support for Draco tera matrix switches 8-576 ports
- Anti-tampering

* Pending

TECHNICAL DATA

| | | | | | |
|------------------------|---|--------------------------|-----------------------------|-------------------------------|--------------------------|
| Input | DP/HDMI | | | | |
| Output | DP/HDMI | | | | |
| Audio (embedded) | 2-channel PCM embedded digital audio and analog audio | | | | |
| Maximum resolution | 1920 x 1200 @ 60 Hz, Full HD (1080 p) or 2 K HD (up to 2048 x 1152) | | | | |
| Keyboard / mouse | USB HID | | | | |
| Certifications | CE, FCC, TUV, VCCI, future compatibility with NIAP PSD PP 4.0, CC EAL4+ | | | | |
| Maximum cable distance | Cat X | Single-Mode Fiber (9 µm) | Single-Mode Fiber XV (9 µm) | Multi-Mode Fiber (50 µm, OM3) | Multi-Mode Fiber (50 µm) |
| | 140 m | 10.000 m | 5.000 m | 1.000 m | 400 m |
| Power supply | International power supply unit (90-240V Input) | | | | |
| Current draw | 2500 mA @5V | | | | |
| Dimensions | 221 x 44 x 147 mm | | | | |
| Weight | 1,05 kg | | | | |
| Upgradable | Yes | | | | |

ORDER NUMBERS

| Certified Kits Draco vario Secure KVM Isolator / Extender DP/HDMI, Series 487 in 474-BODY2N | ARTICLE NO. |
|---|---------------|
| Draco vario 2N FHD KVMA Isolated Secure Extender Kit (CPU and CON), Cat X | K487-1PHCA-N |
| Draco vario 2N FHD KVMA Isolated Secure Extender Kit (CPU and CON), Cat X, red. | K487-1PHCRA-N |
| Draco vario 2N FHD KVMA Isolated Secure Extender Kit (CPU and CON), LWL | K487-1PHSA-N |
| Draco vario 2N FHD KVMA Isolated Secure Extender Kit (CPU and CON), LWL, red. | K487-1PHSRA-N |

| Intalled Draco vario series 487 CPU and CON Units | ARTICLE NO. |
|---|---------------|
| Draco vario 2N FHD KVMA Isolated Secure Extender CPU, Cat X | L487-1PHCA-N |
| Draco vario 2N FHD KVMA Isolated Secure Extender CPU, Cat X, red. | L487-1PHCRA-N |
| Draco vario 2N FHD KVMA Isolated Secure Extender CPU, LWL | L487-1PHSA-N |
| Draco vario 2N FHD KVMA Isolated Secure Extender CPU, LWL, red. | L487-1PHSRA-N |
| Draco vario 2N FHD KVMA Isolated Secure Extender CON, Cat X | R487-1PHCA-N |
| Draco vario 2N FHD KVMA Isolated Secure Extender CON, Cat X, red. | R487-1PHCRA-N |
| Draco vario 2N FHD KVMA Isolated Secure Extender CON, LWL | R487-1PHSA-N |
| Draco vario 2N FHD KVMA Isolated Secure Extender CON, LWL, red. | R487-1PHSRA-N |

FUNCTIONAL DIAGRAMS

