

CC EAL4+ certified

Conforming to NIAP PP4.0

Air gap equivalent endpoint isolation

Enables multi-class network collaboration

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 KVMA Isolated Secure Extender to extend keyboard, video, mouse up to 10 km. Pictures are displayed without delay, brilliantly clear and in highest resolutions, including full HD and 4K30.

Endpoint isolation

The use of unidirectional data diodes for

analog audio and K/M signaling paired with low pass filtering, EDID validation and blocking of video embedded data return paths ensures proper isolation equivalent to air gap isolation.

Support for multi-class networks

Both, CPU and CON devices are equipped with signal isolation according to NIAP PP4.0. In combination with Draco matrix switching systems, ergonomic access and collaboration within multi-

class networks is possible without the risk of data leakage.

Redundancy and resilience

Take advantage of link and power redundancy for most failsafe interconnections via single-mode or multi-mode via fiber or Cat X.

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 seals
- TEMPEST hardening on request

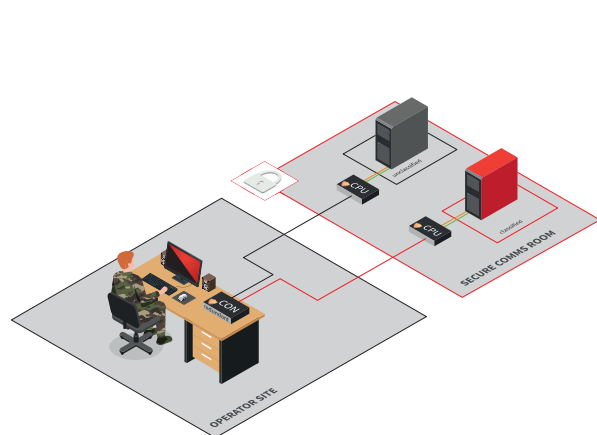
TECHNICAL DATA

Input	DP/HDMI				
Output	DP/HDMI				
Audio (embedded)	2-channel PCM embedded digital audio and analog audio				
Maximum resolution	Series 487			Series 497	
	1920 x 1200 @ 60 Hz, Full HD (1080 p) or 2 K HD (up to 2048 x 1152)			up to 4K30	
Keyboard / mouse	USB HID				
Certifications	CE, FCC, TUV, VCCI, CC EAL4+ certified (Conforming to NIAP PSD PP 4.0)				
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 m A @ 5 V				
Dimensions	221 x 44 x 147 mm				
Weight	1,05 kg				
Upgradable	Yes				

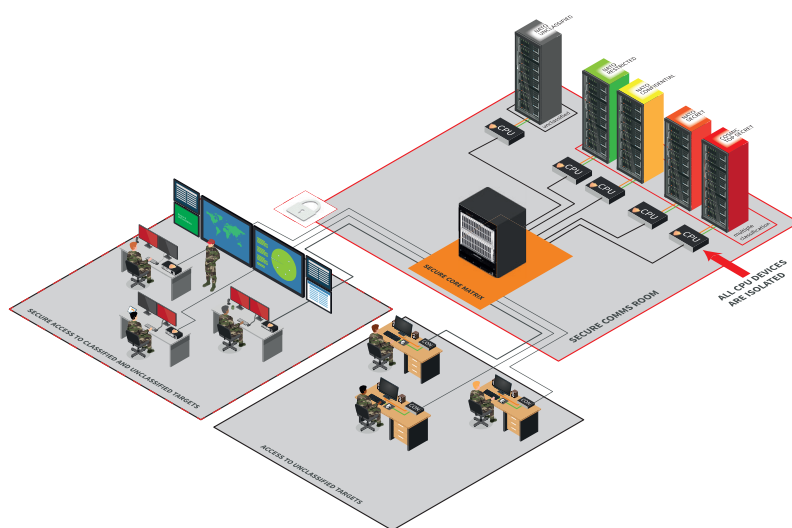
ORDER NUMBERS

Certified Kits Draco vario KVMA Isolated Secure Extender, Series 487 in 474-BODY2N Chassis	FULL HD	4K30
Draco vario 2N FHD KVMA Isolated Secure Extender Kit (CPU and CON), Cat X	K487-1PHCA-N	K497-1PHCA-N
Draco vario 2N FHD KVMA Isolated Secure Extender Kit (CPU and CON), Cat X, red.	K487-1PHCRA-N	K497-1PHCRA-N
Draco vario 2N FHD KVMA Isolated Secure Extender Kit (CPU and CON), Fiber	K487-1PHSA-N	K497-1PHSA-N
Draco vario 2N FHD KVMA Isolated Secure Extender Kit (CPU and CON), Fiber, red.	K487-1PHSRA-N	K497-1PHSRA-N

FUNCTIONAL DIAGRAMS



Basic Setup



Multi-class Setup