

Intel® Digital Signage Open Pluggable Specification (OPS) compliant IHSE Draco KVM extender



Single wire connection to displays

Industry-wide display compatibility

Simplified, space-saving installation

Enhanced maintainability

USB interactivity

DRACO OPS KVM EXTENDER

Applications

The Draco OPS KVM extender simplifies installation, operation and management of remote displays in retail signage, airports, train stations, medical and museums.

Signal deployment

A single module inserted into a standardized OPS socket delivers Full HD video and analog audio connectivity,

with full USB interactivity. Single wire (Cat X or fiber 1G) enables remote connection to displays up to 140 m / 10 km from the media source. USB-HID is being fully supported; mouse and keyboard are connected to the monitor. With the addition of a Draco tera KVM matrix, networks of screens can be controlled and content delivered to appropriate displays in real-time as and when required by simply switching sources.

OPS offers connectivity

The Draco OPS KVM extender delivers the ideal solution for hard-to-access, highly secure installations and better system management, including redundancy options to prevent system failures. The device is fully compatible to the extenders of the Draco vario series and Draco tera matrices.

PRODUCT FEATURES

- › Compatible with any display having a standard OPS slot
- › Allows the displays to be located anywhere, with single cable connection and no additional power or network cables
- › Source switching: any source to any display due to full Draco tera KVM matrix compatibility
- › Signal distribution via matrix allows a single source to be shared across multiple displays
- › Reliability and continuous operation via redundant link
- › Provides workstation video power in a standardized, small formfactor (OPS) without noise (no fan)

TECHNICAL DATA	
Link Interface	2x RJ45 or 2x LC Duplex (Single-mode)
Output Interface (plug socket)	JAE 80 - Pin (TX25 Plug Connector)
Video Resolution (max.)	1920x1200 @ 60Hz 1920x1080 @ 60Hz 3840x2160 @ 30Hz 4096x2160 @ 30Hz
Service Interface	Mini-USB (F)
Audio	Analog audio integrated - Line level interface - Parallele bidirectional stereo audio - Digitized virtually CD quality (16 bit, 38.4 kHz) - Input impedance: 47 kOhm - Output impedance: 270 Ohm
Keyboard / Mouse	Fully supported USB-HID, mouse and keyboard connected to monitor
Distance (max.)	Cat X 140 m Multi-mode fiber 1,000 m Single-mode fiber (9µ) 10,000 m
Power	+ 12-19V @ max. 8A (via JAE 80 - Pin)
Part No.	R482-OPHSR (Fiber) R482-OPHCR (Cat X)

FUNCTIONAL DIAGRAM

