

DB9M interface to connect a variety of external electrical devices



Eight contacts as inputs or outputs

Inputs for Multi-Screen Control Switching

Outputs to highlight active MSC monitor

Easy dip-switch configuration

PRODUCT INFORMATION

The add-on GPIO (General Purpose Input/Output) module in the Draco vario KVM extender series offers a DB9M interface to connect a variety of external electrical devices.

Integration

The additional module is to be used with all basic modules (CON units and Draco U-Switch module) in the Draco vario series. Up to eight contacts can be defined as inputs or outputs via an

integrated DIP switch. The programmed configuration is recognized and monitored by the Draco tera Tool, when used in a matrix setup.

Application

In multi-monitor applications based on a Draco tera MSC or U-Switch module setup, the GPIO add-on module allows LEDs to be connected to highlight the monitor with active keyboard/mouse control. This option was previously only

available in conjunction with addition of separate the Draco U-Switch. The GPIO add-on module also enables switching between monitors by an external dry-contact keypad or push buttons.

When used in combination with Draco tera KVM matrix systems, the I/O's can be used to force macro or favorite execution or to send predefined HID scan codes to a target source.

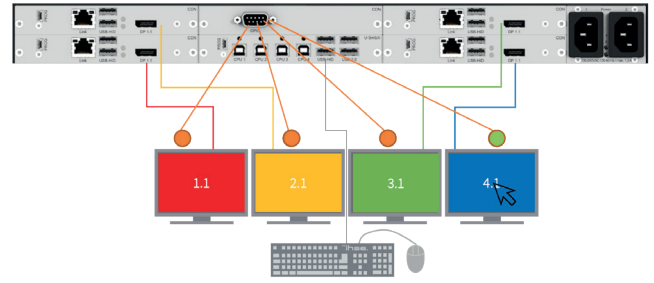
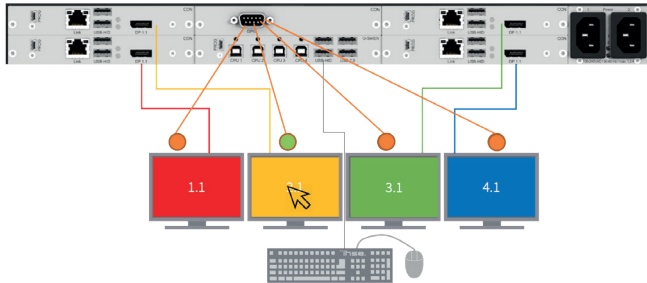
PRODUCT FEATURES

- Compatible with Draco vario CONs: Add-On module to be fitted on top of all CON mainboards
- Draco vario chassis compatible
- Half-size module to allow combinations of add-ons
- Compatible with modular U-Switch
- DIP-Switch configurable behaviour of the module:
 - 8 GPIO contacts - configurable as in or out
 - Connector interface DB9M
 - Configuration setting can be read via Draco tera Tool
- Execution of Draco tera macros
- 5 VDC output to drive e.g. LEDs
- Enhanced matrix features:
 - Execution of predefined User Macros or CON Macros
 - Execution of predefined User Favorites or CON Favorites
 - Execution of predefined HID Scan Codes (=keystrokes)

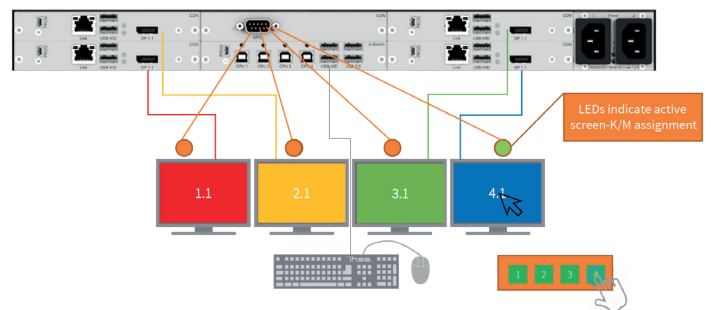
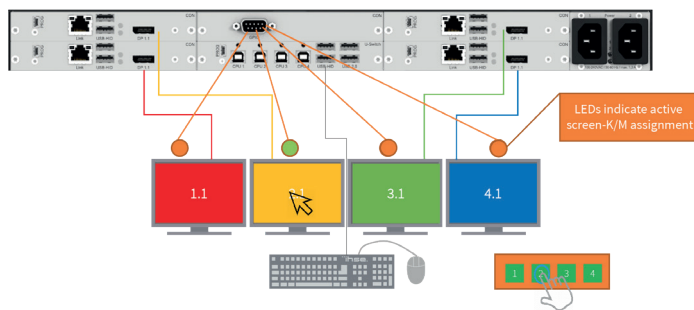
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FUNCTIONAL DIAGRAM

Use Cases: Multi-Screen Control



Multi-Screen Control with dry contact push button trigger to indicate active screen



TECHNICAL DATA

Dimensions	129 x 20 x 145 mm	
Weight	approx. 80 g	
Current draw	10 mA (via the used Draco vario chassis*)	
Power supply	Power supply via the used Draco vario chassis*	
Connectors	DB-9 (M)	
Pin-outs	Pin	Description
	1	GPIO1 (active low)
	2	GPIO2 (active low)
	3	+5V
	4	GPIO3 (active low)
	5	GPIO4 (active low)
	6	GPIO5 (active low)
	7	GPIO6 (active low)
	8	GPIO7 (active low)
	9	GPIO8 (active low)

* For detailed information refer to the user manual.

ORDER NUMBERS

GPIO MODULE	PART NO.
Draco vario CON Add-on module, 8x GPIO	R474-BGX



IHSE offers an online tool for free configuration of your KVM projects. It enables documentation and verification of individual extenders up to complete matrix applications. All KVM switches and extenders are available for selection, including add-on modules, chassis variants and special accessories: dsd.ihse.com