

# VL KVM EXTENDER - KVM extender



2404770

<https://www.phoenixcontact.com/us/products/2404770>

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A KVM Extender provides the ability to transmit the keyboard, video, and mouse signals up to 90 m from the IPC.



## Product description

The VL KVM EXTENDER... provides the ability to extend the keyboard, video, and mouse signals up to 90 m from the IPC. It supports full high-definition video and USB 2.0 signals, including keyboard, mouse, touch screen, and other functions. The system is composed of a transmitter connected to an IPC and a receiver to which peripherals are connected. The transceiver and receiver are connected via a shielded CAT6 cable utilizing RJ45 connectors.

## Your advantages

- LED indicators: USB, Video, Link, Power
- Flexible, thanks to remote operating solutions up to 90 m
- Increased system availability, thanks to the use of purely passive displays
- Cost-effective, thanks to elimination of cable and mounting costs
- Fast startup, thanks to a solution consisting purely of hardware

## Commercial data

Item number	2404770
Packing unit	1 pc
Sales key	DR12
Product key	DRBAAZ
GTIN	4055626500089
Weight per piece (including packing)	2,069 g
Weight per piece (excluding packing)	2,069 g
Customs tariff number	85176200
Country of origin	TW

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## Technical data

### Notes

General	The VL KVM Extender product has been tested and is compatible with all Phoenix Contact IPC and monitor products, with the exception of the VL IPC P7000 (2701127) product. Also, because there are a number of factors that may impact the operation of this product, there is no guarantee that non-Phoenix PC and monitor products will be compatible with the VL KVM Extender product
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### Product properties

Product type	KVM extender
Scope of supply	Includes VL KVM EXTENDER (TX), VL KVM EXTENDER (RX), one 1.8 m USB A to USB B cable, one 1.8 m DP++ cable, and one USB A to micro-B USB cable (for service connection)

### Electrical properties

#### Supply

Power supply unit	24 V DC $\pm$ 20 %
Max. current consumption	0.55 A (VL KVM Extender)

### Interfaces

Interfaces	1x USB 2.0, Typ B (VL KVM EXTENDER (TX))
	3x USB 2.0, Typ A (VL KVM EXTENDER (RX))
	1x micro-B USB
	1x RJ45
Monitor output	1x DisplayPort
	1x DVI-D

### Dimensions

Width	150 mm
Height	80 mm
Depth	43 mm

#### External dimensions

Width / Height / Depth	150 mm / 80 mm / 43 mm
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-30 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 % (relative humidity, non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (relative humidity, non-condensing)
Shock	15g, 11 ms in accordance with IEC 60068-2-27

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## Mounting

Mounting type	DIN rail mounting
	Front mounting
	Bookshelf mounting

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## Classifications

### UNSPSC

UNSPSC 21.0	39121500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	15, 6(a), 6(c), 7(a), 7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-10
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	6423d5c4-44f2-42cf-a8da-841e31da38c5

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