

DVI KVM Extender

DL-Compact 7.0

KVM Extender

Extender systems to bridge IT-distances





Leading the Way in digital KVM

Guntermann & Drunck GmbH has been established in 1985 and is named after its founders. Over 25 years have since past, and we are now a leading manufacturer of digital and analog KVM switching systems.

As an owner-managed company we work with a broad range in both digital and analog KVM closely with the marketplace and make our decisions with and in the interests of our customers. It is our philosophy to meet our customers while making decisions, to accompany them in the process and ensure that they achieve their goals.

We can do this because as a medium sized company we have short communication paths and all core competencies are in house – from development through to production. This way we can even make the impossible possible at times. If it is thanks to the modularity of the products or by implementing a customised solution. We orient ourselves towards the needs of the customer – and not the other way round.

Organisations, service providers and companies of all sizes managing numerous computers, servers and other network devices trust the comprehensive advice and service provided by Guntermann & Drunck GmbH.

Thanks to these different fields of specialisation, the demands placed on the products are many and are manifold. Our products have to provide a long-life service, be secure, uncomplicated, user-friendly, understandable and adaptable.

The DL-Compact KVM extender system extends the following signals:

- keyboard/mouse
- dual-link DVI

The system consists of a computer module (transmitter) and a user module (receiver) and enables a computer's remote operation.

DL-Compact uses fibre optics (two fibres) to transmit uncompressed signals up to 400 m.



above: DL-Compact-CPU computer module

below: DL-Compact-CON user module

Highlights

Video

- single- and dual-link DVI
- 2k resolution (2048 × 2048 @ 60 Hz)
- uncompressed transmission in 1:1 performance

Signals

- bridges distances up to 400 m via fiber optics at maximum resolution
- supports PS/2 and USB keyboard/mouse

Features

Video

- resolutions up to 2560 × 1600 @ 60 Hz or 2048 × 2048 @ 60 Hz
- backward-compatible to single-link DVI
- video bandwidth up to 330 MPixel/s
- 24 bit colour mode
- transparent forwarding of E-DDC information

Transmission

- distances up to 400 m (2 × multimode 50/125 µm, 500 MHz*km, OM2) at maximum resolution
- distances up to 200 m (2 × multimode 62.5/125 µm, 200 MHz*km, OM1) at maximum resolution
- uncompressed transmission with 1:1 performance
- connection over 2 × SC single plugs

Device

- galvanic separation of transmitter and receiver
- insensitive to interference radiation
- smallest form factor (105 × 26 × 104 mm)
- one external power pack per module
- PS/2 and USB keyboard/mouse supported; also mixed operation
- permanent keyboard/mouse emulation
- available as desktop version

System upgrade

- via wizard at service socket

Variants

This product has no variants.

Expansion

For this product no expansions are available.

Installation

Link the computer to the back of the DL-Compact transmitter. Distinctive cables connect the computer's keyboard, video, and mouse interfaces to the DL-Compact computer module.

Installing the user console is just as easy: simply connect the operating hardware to the corresponding interfaces of the DL-Compact receiver.

Use the existing cabling structure to link transmitter and receiver (multimode fibre optics 50/125 or 62.5 μ /125 μ).

Installation:

We provide 19" rack mount solutions that facilitate the installation of a DL-Compact into a server rack. The solutions are listed under KVM Accessories.

Feel free to download the DL-Compact manual to find out more details about the start-up.



left: DL-Compact-CPU computer module
right: DL-Compact-CON user module

























	Computer module	User module
Video		
Number of monitors		1
Signal type/video		digital dual link video
Resolution		up to 2 x 2560 x 1600 @ 60 Hz or 2 x 2048 x 2048 @ 60 Hz
Standards		E-DDC support
Colour depth		24 bit
Pixel rate		330 MHz
Interfaces for user console		1 x DVI-D socket
Interfaces to computer	1 x DVI-D socket	
Keyboard/Mouse		
Interfaces for user console		2 x Mini-DIN 6 socket 2 x USB-A socket
Interfaces to computer	2 x Mini-DIN 6 socket 1 x USB-B socket	

Legend

ABBREVIATIONS

CPU	=	Computer module	M	=	Multimode
PC	=	Computer module	S	=	Singlemode
CON	=	User module	RM	=	For assembly in a 19" rack
REM	=	User module	A	=	Audio
MC2	=	Multichannel 2	AR	=	Audio + RS232
MC3	=	Multichannel 3	R	=	RS232
MC4	=	Multichannel 4	U	=	transparent USB 1.1
			U2	=	transparent USB 2.0
			D	=	Delay

EQUIPMENT FEATURES

	=	keyboard/mouse		=	VT100
	=	dual-link DVI video		=	KVM IP access
	=	single-link DVI video		=	Network connection
	=	single-link DVI + VGA		=	Web interface
	=	VGA video		=	DevCon support
	=	Audio		=	Monitoring
	=	RS232		=	CAT cable
	=	USB 1.1		=	Fiber optics
	=	USB 2.0		=	Single user
	=	Delay		=	Multi user
	=	Screen Freeze		=	Separat local/remote user
	=	Power Switching			
	=	Fire Wire			