

DSXi



- Uncompressed DVI extenders
- Transmits DVI-D over Cat X
- 24 bit color depth
- Small form factor package

Product Information

The DSXi Extender series supports DVI graphic interfaces (DVI-D) in an uncompressed mode and at the highest resolution (up to 1920x1200@60Hz). Additionally, all devices transmit USB keyboard and mouse signals. With our Enhanced USB Emulation (EUE), the device will also support a wide range of special USB-HID devices like touch screens or multimedia keyboards. With our USB 2.0

option, these devices will also support bidirectional communications with printers, scanners, and other high speed USB devices. With uncompressed transfer of the DVI data at full speed, our DSXi meets the highest demands for video transmission. This means no picture corruption or frame-drops can occur. Even on highest resolutions you'll enjoy a comfortable working display and a smooth picture move-

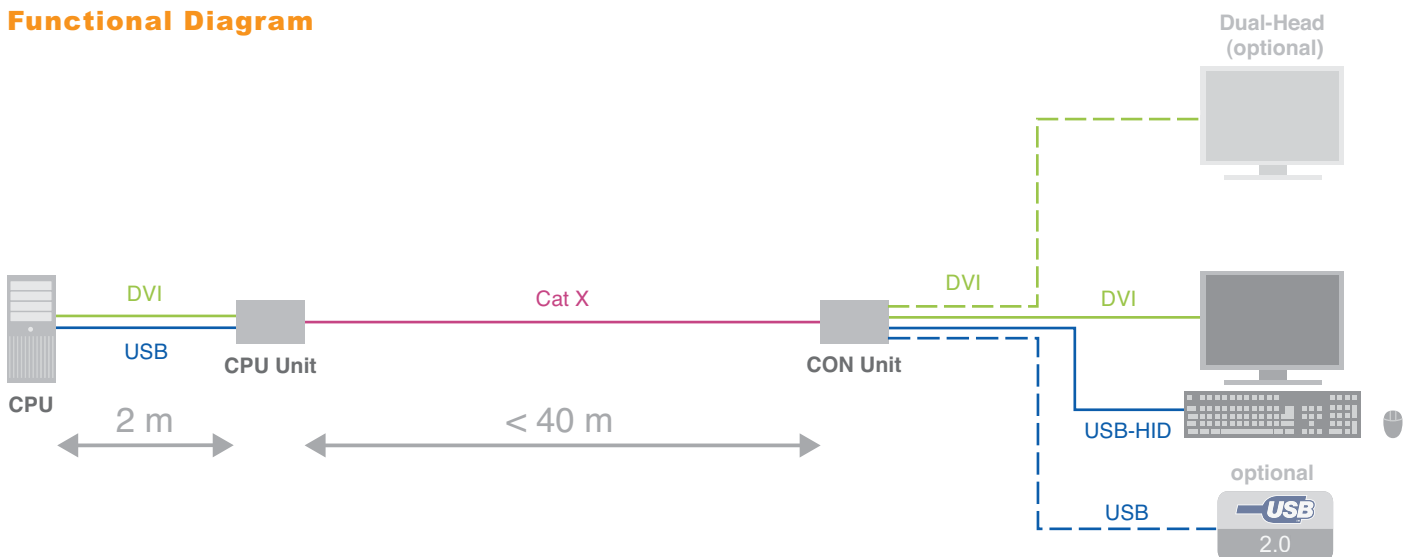
ment on videos. The maximum transfer distance depends on the screen resolution, but even in the highest resolution of 1920x1200 you can easily bridge 40 m. The small footprint design allows dense packaging where up to 5 devices can be mounted into 1RU tray. The device is small enough that it can be used in a desktop application without taking up much space.

Product Features

- Top image quality at all resolutions. The uncompressed data transmission supports all requirements on picture quality and frame rate
- Transmission of the DDC- Information from remotely attached monitor
- Basic device to remotely locate monitor (Single-Head/ Single-Link) and keyboard/mouse (USB-HID) devices with USB 2.0 are also available max. distances
 - up to 40 m @ 1920x1200
 - up to 40 m @ 1920x1080
 - up to 40 m @ 1600x1200
 - up to 50 m @ 1280x1024
 - and lower.
- Compatible with all operating systems; compatible with all major KVM switches
- Rackmount options (19"): mount up to 5 devices in a 19"/1U rackmount kit. This saves expensive rack space

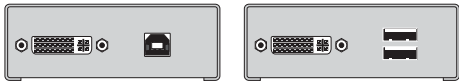
Technical Data	
Power Supply Information	
for CPU and CON Units	90-240VAC / 0,5 A / 47-63 Hz 5VDC
Maximum Resolutions	DVI Single-Link 1920x1200@60Hz/24-bit
Maximum Distances	
1600x1200; 1920x1080	40 m
1920x1200; 2048x1152	
Lower Resolutions	50 m

Functional Diagram



Product Types

K473-SSH



Front

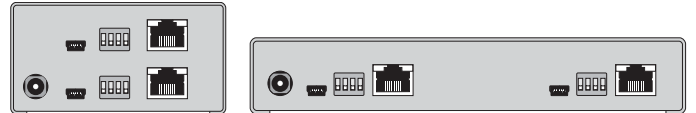
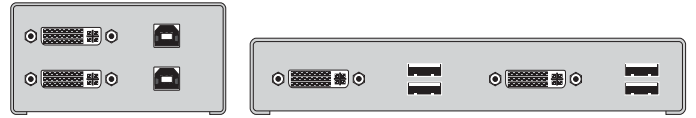


Back

CPU Unit
(80 x 110 x 29 mm)

CON Unit
(80 x 110 x 29 mm)

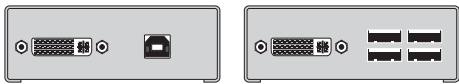
K473-DSH



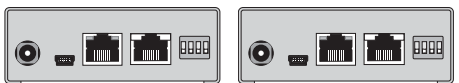
CPU Unit
(80 x 110 x 42 mm)

CON Unit
(161 x 110 x 29 mm)

K473-SST



Front

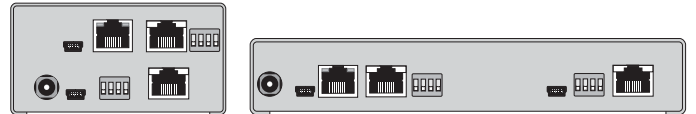
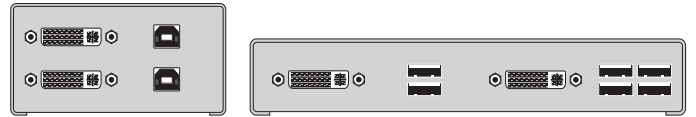


Back

CPU Unit
(80 x 110 x 29 mm)

CON Unit
(80 x 110 x 29 mm)


K473-DST















CPU Unit
(80 x 110 x 42 mm)

CON Unit
(161 x 110 x 29 mm)

Order Numbers

 Please note that the devices are operated in pairs with a CPU Unit at the computer and a CON Unit at the console: the monitor and other peripherals. Part numbers beginning with "K" are kits containing a CPU Unit, CON Unit and all necessary cables and power supplies.

Number of Monitors	Single-/Dual-Link	Maximum Resolution	USB	Data Transfer	Part No.
		1920x1200	HID		K473-SSH
		1920x1200	2.0		K473-SST
		1920x1200	HID		K473-DSH
		1920x1200	HID + 2.0		K473-DST

Rackmount Hardware / Mounting Plates

Product	Part No.
19"-installation kit for 1 x ... 5 x DSXi Single-Head	473-5G
19"-installation kit for 1 x ... 5 x DSXi Dual-Head	473-DG
Mounting plate to mount by screws for all DSXi Single-Head Units + Dual-Head CPU Units	473-1K
Mounting plate to mount by snap-on for all DSXi Single-Head Units + Dual-Head CPU Units	473-2K
Mounting plate to mount by screws for DSXi Dual-Head CON Units	473-1G
Mounting plate to mount by snap-on for DSXi Dual-Head CON Units	473-2G

Cables

Product	Part No.
Cat 5, Simplex (Leoni Kerpen), length = 30 m (factory terminated with connector and ferrites included)	473-S30
Cat 5, Simplex (Leoni Kerpen), length = 40 m (factory terminated with connector and ferrites included)	473-S40
Cat 5, Simplex (Leoni Kerpen), length = 50 m (factory terminated with connector and ferrites included)	473-S50