

Technical data

General features of the series

DL-DVI-MUX2-NT SERIES		
Number of video sources	Per computer/workstation:	▸ See variant features
Workstation	Connectors per device:	1
	Connection:	Directly on the device
Interfaces for workstation	Video:	▸ See variant features
	PS/2 keyboard/mouse	1 × PS/2 socket ▸ Adapter for additional PS/2 interface available
	USB keyboard/mouse:	2 × USB A socket
	USB 3.0 devices:	2 × USB A socket
	Audio:	1 × 3.5 mm jack plug (speakers)
	External switch:	1 × RS232 socket
Computer	Connectors per device:	2
	Connection:	With optional cable sets on the device
Interfaces per computer	Video:	▸ See variant features
	PS/2:	1 × PS/2 socket ▸ Adapter for additional PS/2 interface available
	USB:	1 × USB B socket
	USB 3.0:	1 × USB B socket
	Audio:	1 × 3.5 mm jack plug (line in)
Other interfaces	Network:	2 × RJ45 socket
	Service:	1 × Mini USB B socket
Audio	Type:	Analogue, transparent
	Resolution:	24 bit digital, stereo
	Sampling rate:	96 kHz
	Bandwidth	22 kHz
USB	Specification:	USB 3.1 Gen 1 (USB 3.0/USB 2.0 compatible)
	Transmission rate:	SuperSpeed 5.0 Gbps (low speed, full speed, hi speed compatible)
	Power (output):	HighPower (0.9A)
	Max. cable length:	<ul style="list-style-type: none"> ▪ USB 3.0/USB 3.1: max. 3 m ▪ USB 2.0: max. 5 m

Video	Signal Type:	DVI-I (analog and digital video)	
	Colour depth:	24 Bit	
	DDC:	Enhanced Display Data Channel	
	DDC/CI:	The device is ready to support monitors with a DDC/CI function. The DDC information are transparently forwarded to the monitor to support a maximum number of monitors. However, the support cannot be guaranteed for all monitor models.	
	Mixed mode:	supported (digital/analog)	
Analog video processing	Video bandwidth:	max. 400 MHz	
	Max. resolution:	max. 1920 × 1440 @ 75 Hz	
	Vertical frequency:	20 Hz to 120 Hz	
	Horizontal frequency:	25 kHz to 135 kHz	
Digital video processing	Pixel rate:	25 to 330 MP / s	
	Pixel coding:	RGB 4:4:4 with 24 bpp/8 bpc	
	Max. resolution:	<ul style="list-style-type: none"> ▪ 2560 × 1600 @ 60 Hz ▪ 4096 × 2160 @ 30 Hz (UHD-4K) 	
	Exemplary resolutions:	per video channel: <ul style="list-style-type: none"> ▪ 2048 × 2048 @ 60 Hz ▪ 2048 × 2160 @ 60 Hz ▪ 2560 × 1600 @ 60 Hz ▪ 3840 × 2160 @ 30 Hz (Ultra HD) when using two video channels: <ul style="list-style-type: none"> ▪ 3840 × 2160 @ 60 Hz (Ultra HD) ▪ 4096 × 2160 @ 60 Hz nVidia 3D-Vision 120 Hz: <ul style="list-style-type: none"> ▪ 1680 × 1050 @ 120 Hz › Other standard resolutions within the pixel rate and refresh rates possible.	
	Vertical frequency:	20 Hz to 120 Hz	
	Horizontal frequency:	25 kHz to 135 kHz	
	Main power supply	Type:	Internal power pack
		Connection:	IEC plug (IEC-320 C14)
Redundant power supply	Type:	Internal power pack	
	Connection:	IEC plug (IEC-320 C14)	
Power consumption	Maximum:	› see variant features	
Operating environment	Temperature:	+5°C to +45°C	
	Air humidity:	< 80%, non-condensing	
Conformity		CE, RoHS	

Individual variant features

DL-DVI-MUX2-NT		
Number of video sources	Per computer/ workstation:	1
Interfaces for workstation	Video:	1 × DVI-I socket
Interfaces per computer	Video:	1 × DVI-I socket
Power supply	Power consumption:	0,3 A@240VAC; 0,5 mA@100VAC
Housing	Material:	Anodised aluminium
	Dimensions (W × H × D):	435 × 44 × 210 mm
	Weight:	Approx. 2.5 kg
DL-DVI-MUX2-NT-MC2		
Number of video sources	Per computer/ workstation:	2
Interfaces for workstation	Video:	2 × DVI-I socket
Interfaces per computer	Video:	2 × DVI-I socket
Power supply	Power consumption:	0,3 A@240VAC; 0,5 mA@100VAC
Housing	Material:	Anodised aluminium
	Dimensions (W × H × D):	435 × 66 × 210 mm
	Weight:	Approx. 2.8 kg

Technical data

General features of the series

DL-DVI-MUX4-NT SERIES		
Number of video sources	Per computer/workstation:	▸ See variant features
Workstation	Connectors per device:	1
	Connection:	Directly on the device
Interfaces for workstation	Video:	▸ See variant features
	PS/2 keyboard/mouse	1 × PS/2 socket ▸ Adapter for additional PS/2 interface available
	USB keyboard/mouse:	2 × USB A socket
	USB 3.0 devices:	2 × USB A socket
	Audio:	1 × 3.5 mm jack plug (speakers)
	External switch:	1 × RS232 socket
Computer	Connectors per device:	4
	Connection:	With optional cable sets on the device
Interfaces per computer	Video:	▸ See variant features
	PS/2:	1 × PS/2 socket ▸ Adapter for additional PS/2 interface available
	USB:	1 × USB B socket
	USB 3.0:	1 × USB B socket
	Audio:	1 × 3.5 mm jack plug (line in)
Other interfaces	Network:	2 × RJ45 socket
	Service:	1 × Mini USB B socket
Audio	Type:	Analogue, transparent
	Resolution:	24 bit digital, stereo
	Sampling rate:	96 kHz
	Bandwidth	22 kHz
USB	Specification:	USB 3.1 Gen 1 (USB 3.0/USB 2.0 compatible)
	Transmission rate:	SuperSpeed 5.0 Gbps (low speed, full speed, hi speed compatible)
	Power (output):	HighPower (0.9A)
	Max. cable length:	<ul style="list-style-type: none"> ▪ USB 3.0/USB 3.1: max. 3 m ▪ USB 2.0: max. 5 m

Video	Signal Type:	DVI-I (analog and digital video)	
	Colour depth:	24 Bit	
	DDC:	Enhanced Display Data Channel	
	DDC/CI:	The device is ready to support monitors with a DDC/CI function. The DDC information are transparently forwarded to the monitor to support a maximum number of monitors. However, the support cannot be guaranteed for all monitor models.	
	Mixed mode:	supported (digital/analog)	
Analog video processing	Video bandwidth:	max. 400 MHz	
	Max. resolution:	max. 1920 × 1440 @ 75 Hz	
	Vertical frequency:	20 Hz to 120 Hz	
	Horizontal frequency:	25 kHz to 135 kHz	
Digital video processing	Pixel rate:	25 to 330 MP / s	
	Pixel coding:	RGB 4:4:4 with 24 bpp/8 bpc	
	Max. resolution:	<ul style="list-style-type: none"> ▪ 2560 × 1600 @ 60 Hz ▪ 4096 × 2160 @ 30 Hz (UHD-4K) 	
	Exemplary resolutions:	<p>per video channel:</p> <ul style="list-style-type: none"> ▪ 2048 × 2048 @ 60 Hz ▪ 2048 × 2160 @ 60 Hz ▪ 2560 × 1600 @ 60 Hz ▪ 3840 × 2160 @ 30 Hz (Ultra HD) <p>when using two video channels:</p> <ul style="list-style-type: none"> ▪ 3840 × 2160 @ 60 Hz (Ultra HD) ▪ 4096 × 2160 @ 60 Hz <p>nVidia 3D-Vision 120 Hz:</p> <ul style="list-style-type: none"> ▪ 1680 × 1050 @ 120 Hz <p>▸ Other standard resolutions within the pixel rate and refresh rates possible.</p>	
	Vertical frequency:	20 Hz to 120 Hz	
	Horizontal frequency:	25 kHz to 135 kHz	
	Main power supply	Type:	Internal power pack
		Connection:	IEC plug (IEC-320 C14)
Redundant power supply	Type:	Internal power pack	
	Connection:	IEC plug (IEC-320 C14)	
Power consumption	Maximum:	▸ see variant features	
Operating environment	Temperature:	+5°C to +45°C	
	Air humidity:	< 80%, non-condensing	
Conformity		CE, RoHS	

Individual variant features

DL-DVI-MUX4-NT		
Number of video sources	Per computer/ workstation:	1
Interfaces for workstation	Video:	1 × DVI-I socket
Interfaces per computer	Video:	1 × DVI-I socket
Power supply	Power consumption:	0,3 A@240VAC; 0,5 mA@100VAC
Housing	Material:	Anodised aluminium
	Dimensions (W × H × D):	435 × 44 × 210 mm
	Weight:	Approx. 2.5 kg
DL-DVI-MUX4-NT-MC2		
Number of video sources	Per computer/ workstation:	2
Interfaces for workstation	Video:	2 × DVI-I socket
Interfaces per computer	Video:	2 × DVI-I socket
Power supply	Power consumption:	0,3 A@240VAC; 0,5 mA@100VAC
Housing	Material:	Anodised aluminium
	Dimensions (W × H × D):	435 × 66 × 210 mm
	Weight:	Approx. 2.9 kg
DL-DVI-MUX4-NT-MC3		
Number of video sources	Per computer/ workstation:	3
Interfaces for workstation	Video:	3 × DVI-I socket
Interfaces per computer	Video:	3 × DVI-I socket
Power supply	Power consumption:	0,4 A@240VAC; 0,6 mA@100VAC
Housing	Material:	Anodised aluminium
	Dimensions (W × H × D):	435 × 88 × 210 mm
	Weight:	Approx. 3.3 kg

DL-DVI-MUX4-NT-MC4

Number of video sources	Per computer/ workstation:	4
Interfaces for workstation	Video:	4 × DVI-I socket
Interfaces per computer	Video:	4 × DVI-I socket
Power supply	Power consumption:	0,4 A@240VAC; 0,6 mA@100VAC
Housing	Material:	Anodised aluminium
	Dimensions (W × H × D):	435 × 132 × 210 mm
	Weight:	Approx. 3.8 kg