IOGEAR®

GCS1782

2-Port Dual-Link DVI KVMP Switch with 7.1 Audio and Cables

IOGEAR's GCS1782 Dual-Link DVI KVMP switch marks a revolutionary step in KVM functionality by combining IOGEAR's Display Technology with the wide screen graphics resolution of today's 30 inch monitors, supporting resolution up to 3840 x 2400.

This unique KVM can increase efficiency and save equipment cost for applications, where high resolution monitors are required: CAD (computer aided design) and CAM (Computer Aided Manufacturing); Desktop publishing and Graphic design; video editing; and gaming, where high video resolution is demanded.

In keeping with the proliferation of high speed devices, the GCS1782 provides two USB 2.0 peripheral ports for asynchronously sharing USB devices between your computers. A powered USB hub may be attached to the peripheral ports for expandability.

- Share a professional quality monitor between two computers
- Support monitors with the highest video resolutions:
  DVI-D Dual link: 2560 x 1600
  DVI-D Single link: 1920 x 1200
  Supports Special monitors to 3840 x 2400
- Share high speed USB 2.0 peripherals such as printer, scanner, external hard drives between two computers
- Share a 7.1 surround sound system between two computers
- Asynchronous hotkey switching between KVM focus, USB peripheral, and Audio ports
- IOGEAR's Display Emulation Technology reads and remembers the monitor's parameters (EDID) so there is no delay or change of video resolution when switching between, or booting computers*

- Complete keyboard and mouse emulation for error free booting and real-time switching
- Supports MAC keyboard and special keys
- Full support for DDC, DDC2, and DDC2B monitors
- Firmware upgradeable
- DVI compatible, HDCP Compliant
- To allow the programmable buttons on you mouse to function, mouse emulation may be disabled
- Switching "Beep" mutable via hotkeys
- All cables are included

*IOGEAR's Display Emulation Technology provides the EDID support for Windows 7

Requirements

Console

- 1 DVI display
- 1 set of USB keyboard and mouse

Computers

- 1 DVI port
- 1 USB port

Operating Systems

- Windows XP, Windows Vista (32-bit / 64-bit), Windows 8.x (32-bit / 64-bit)
- Windows 7 (32-bit / 64-bit)*
- Mac OS X v10.3.9 or later
- Sun Solaris
- Linux

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Package Contents

1 x 2-Port Dual-Link DVI KVMP Switch with 7.1 Audio
2 x Dual-Link DVI-D KVM Cable
2 x 7.1 Audio Cable
1 x PS/2 to USB Adapter
1 x Firmware Upgrade Cable
1 x Power Adapter
1 x Installation Guide
1 x Warranty Card

Specifications

Function	GCS1782	Dimensions	GCS1782
Computer Connections		**Unit Dimensions**	
Direct	2	Width	10.25in [26cm]
Port Selection	Hotkey, Push Button	Height	1.5in [3.81cm]
Console Connectors		Depth	3.0 in [7.62 cm]
Mouse	1 x USB Type A Female	**Unit Package Dimensions**	
Keyboard	1 x USB Type A Female	Width	13.0 in [33 cm]]
Monitor	1 x Dual Link DVI-I Female	Height	4.0 in [10.16 cm]
Flash ROM Upgrade	1 x 4-conductor 3.5mm Jack (Black)	Depth	8.5 in [21.6 cm]
Connectors-Audio(console)		**Master Carton**	
Center/Subwoofer	1 x Mini Stereo Jack Female (Orange)	Width	12.75 in [32.4 cm]
Line In	1 x Mini Stereo Jack Female (Blue)	Height	9.1 in [23.3 cm]
Line Out	1 x Mini Stereo Jack Female (Green)	Depth	13.6 in [34.5cm]
Microphone	1 x Mini Stereo Jack Female (Pink)	Master Carton Qty.	3 ea.
Rear Speaker Out	1 x Mini Stereo Jack Female (Black)	**Weight**	
Side Speaker Out	1 x Mini Stereo Jack Female (Grey)	Master Carton Wt.	18.3 lbs [8.3Kg]
CPU Connectors		Unit Pack Wt.	4.8 lbs [2.1 Kg]
Keyboard & Mouse	2 x USB Type B Female	Unit Wt. w/accessories	4.0 lbs [1.8 Kg]
Monitor	2 x Dual Link DVI-I Female	Unit Wt.	2.3 lbs [1 Kg]
Connectors-Audio(CPU)			
Center/Subwoofer	1 x Mini Stereo Jack Female (Orange)		
Line In	1 x Mini Stereo Jack Female (Blue)		
Line Out	1 x Mini Stereo Jack Female (Green)		
Microphone	1 x Mini Stereo Jack Female (Pink)		

Side Speaker Out	1 x Mini Stereo Jack Female (Grey)
Peripheral Sharing	2 x USB 2.0 Type A Female
LEDs	
Selected	2 (Orange)
USB Peripherals	2 (Green)
Emulation	
Keyboard	USB
Mouse	USB
Video Resolution	DVI-D: 2560 x 1600 @60Hz (Dual Link); 1920 x 1200 @60Hz (Single Link); 3840 x 2400 @13Hz (Single Link); DVI-A: 2048 x 1536; DDC2B
Scan Interval	1-99 sec (5 sec default)
Power	
Voltage	DC 5.3V
Amps	2.4A
Environment	
Operation Temperature	0~50?C
Storage Temperature	-20~60?C
Humidity	0~80% RH, Non-condensing
Housing	
Case	Metal