



**THE AVITECH SEQUOIA DUAL IS A HIGHLY INNOVATIVE DEVICE THAT COMES WITH ITS OWN EMBEDDED OPERATING SYSTEM AND GRAPHIC ENGINES, OFFERING A MONITORING SOLUTION FOR EASY OPERATION AND CONTROL OF MULTIPLE COMPUTERS.**

# Sequoia Dual

The Sequoia Dual combines the functions of a KVM (keyboard video mouse) switch and a robust multi-viewer into a single enclosure. Incorporating patented technologies, it provides a simple monitoring solution for any user who works in an environment with multiple computers.

Utilizing a combination of hot-keys and the Surfer feature—which allows users to transfer keyboard and mouse control to another computer by simply moving the mouse cursor to the window of that computer—the Sequoia Dual is able to seamlessly switch between and remotely control any of the four computers connected to it with just one keyboard and mouse. Additionally, its scalability through cascading with other Sequoia devices makes the Sequoia Dual an ideal solution for both individual users and corporate applications.



## FEATURES

- Connect up to 4 computers or video inputs, with choice of any 2 inputs to be monitored on a display
- On-screen display with borders, labels, and a user-friendly GUI
- Freely adjustable windows with full screen capability for customized monitoring
- Automatic optimum output resolution detection
- HDCP compliant
- Remote control multiple computer systems through USB interfaces
- Directly monitor and switch control over multiple computers using the Surfer feature or combinational mouse commands
- Built-in USB hub supports a wide variety of USB devices
- Integrated file and folder transfer across computers
- Cascade up to 5 Sequoia devices and control a maximum of 20 computers with just one keyboard and mouse
- Ethernet streaming supports remote monitoring
- Multi-touch supported, applicable to touch screen monitors

## EMPOWERED MULTI-TASKING

Flexible switching mechanisms allow users to simultaneously monitor and control any two HDMI/DVI/VGA/YPbPr connected devices on a single monitor.

## SLEEK DESIGN

Both stand-alone and rack mountable designs incorporate a thermal sensor and a quiet and speed-varying fan, suitable for various work environments.

## STREAMLINED OPERATION

Intuitive user interface and commands for monitoring and controlling multiple computers with just one set of keyboard and mouse.

## UNLIMITED VERSATILITY

Freely adjustable features along with cascading ability suit applications from individual users to large-scale institutions.

## VIDEO & AUDIO CONTROL

- Picture-in-Picture (PiP)  
Picture-over-Picture (PoP)  
overlay display
- Picture-by-Picture (PbP)  
Full Screen non-overlay  
display
- Image fader control
- Analog Video Calibration:  
image position and  
RGB gain adjustment
- Alarm for video loss  
detection
- Audio Output:  
HDMI video and earphone
- Support analog and  
embedded audio inputs

## ON-SCREEN DISPLAY

- GUI
- 3D borders
- Labels
- Pop-up menu controls
- Background picture
- Alarm

## ACCESSORIES

- 3.5 mm stereo male to dual  
female Y splitter audio cable  
(L: 1.8m)
- HDMI cable (L: 1.8 m)
- YPbPr to DVI-I adapter
- VGA to DVI-I adapter
- HDMI to DVI-I adapter
- 12V DC power adapter
- USB A/B cable
- Rack mount kit

## SPECIFICATIONS

<b>INPUT</b>	Front Panel	1 × USB-B (remote computer's mouse & keyboard control) 1 × USB-A (direct mouse control) 1 × USB-A (direct keyboard control) 1 × USB-A (USB hub) 1 × Analog Audio (microphone)
	Rear Panel	1 × RJ-45 (Ethernet) 2 × HDMI (video/audio) 2 × DVI-I (video; audio input only available with HDMI signals) (resolution up to 1920 × 1200)—automatic detection HDCP compliant 4 × USB-B (remote control of connected computers) 4 × Mini Phone Jack (for connecting with the PC's audio/mic) 1 × 3-pin Terminal Block (for RS-232)
	Side Panel	1 × Kensington® Security Slot
<b>OUTPUT</b>	Front Panel	1 × USB-A (USB hub) 1 × Analog Audio (mono/earphone)
	Rear Panel	1 × HDMI (video/audio) HDCP compliant
	Max. Resolution	1920 × 1200 (WUXGA) @50/60 Hz 1600 × 1200 (UXGA) @75 Hz
<b>LED INDICATORS</b>	PC1-PC4	Indicate when computer connection is in Active or Standby mode
	MODE	Indicate when Sequoia is in Host or Remote operation mode
	PWR	Indicate when Sequoia is powered-on
<b>OPERATING SYSTEM</b>	Windows	Microsoft Windows 98 Special Edition / 2000 Professional / XP Vista / Server 2003 / Server 2008 / Windows 7 / Windows 8
<b>COMPATIBILITY</b>	Mac	Mac OS X 10.5 or Later Version Only
	Linux OS	Fedora 10, Ubuntu 8.1, Scientific 5.2, RedHat, Mint 6.0, Debian 5.0, PC Linux OS 2009, SUSE 11.1, Mandriva 2009, CentOS 5.2
<b>POWER REQUIREMENTS</b>		100–240V AC / 12V DC Adapter / Max. 25 Watt
<b>DIMENSION (L×W×H) / WEIGHT</b>		6.00 x 6.90 x 1.70 inch (15.20 x 17.40 x 4.40 cm) / 1.54 lbs (0.70 Kg)
<b>SAFETY REGULATIONS</b>		FCC, CE, C-Tick, Class B

Specifications and data are subject to change without notice.

Copyright©2015 Avitech. All Rights Reserved. Brochure Ver. SequoiaDual-151029

