



# Sequoia 4H & 2H2U

One of a kind multiviewing



<http://avitechvideo.com>

# Sequoia

## One of a kind multiviewing

The Sequoia 4H and 2H2U empower multi-tasking on an unprecedented level. With integrated mouse and keyboard control and touchscreen support, these Sequoia Solos are designed to enhance your multiviewing experience.



### Benefits

- Supports touchscreen functionality for custom GUI
- Communication cascade multiple Sequoia Solo units to manage all inputs with a single mouse/keyboard set for simple control of multiple systems
- Automatically detects computer or video source for intuitive operation
- Avitech Hook Software allows users to conveniently control monitoring interface layout with a laptop
- Freely adjustable windows with full screen capability for custom monitoring
- Compatible with USB and PS/2 based computers
- Automatic output monitor resolution detection
- USB hub supports portable USB devices
- HDCP compliant
- Plug-and-play for easy setup; automatic sensing of input signals for flexible, straightforward integration
- Customizable background picture

Features	Availability
HDMI inputs	4 (4H) / 2 (2H2U)
DVI inputs	4 (4H), 2 (2H2U) via DVI to HDMI adapter
3G/HD/SD-SDI/CV inputs	2, auto sensing (2H2U only)
Analog audio inputs	4 analog audio inputs via all-in-one cable
HDCP compliant	Yes
Maximum output resolution	1920 x 1200
Configuration and control interface	Ethernet
USB hub extend to remote computer	Available
Extended microphone/audio/speakers	Available
Phoenix G software support	Available
Avitech Hook software support	Available
Avitech ASCII Protocol (AAP) support	Available
Communication cascading	One mouse/keyboard set for all modules*
Touchscreen control	Available**

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## Specifications

Input	Front panel	1 x USB-B (communication cascade and accessing remote computers from local computer)* 2 x USB-A (mouse/keyboard control) 1 x analog audio (microphone)
	Rear panel	1 x RJ-45 (Ethernet) 4 x HDMI (4H) / 2 x HDMI, 2 x 3G/HD/SD-SDI/CV (2H2U) (Automatic sensing of input signals) 4 x DB-15 male with fan out cable (PS-2/USB/audio/mic)
Output	Front panel	1 x analog audio (stereo, headphone) 2 x speakers (stereo, embedded)
	Rear panel	1 x HDMI (customer configurable) Resolution up to 1920 x 1200 (WUXGA) at 50/60 Hz or 1600 x 1200 (UXGA) at 75 Hz
Peripheral sharing		2 x USB-A (for USB 2.0 hub)
Computer connections		Max. 4 units
LED indicators	1 / 2 / 3 / 4	Indicates when computers 1/2/3/4 are in Active or Standby mode
	MODE	Indicates Host or Remote mode
	PWR	Indicates power
System requirements		Microsoft Windows 98 Special Edition, 2000 Professional, XP, Vista, Server 2003, Server 2008, Windows 7, Mac (O/S 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 NOTE: Windows NT is currently not supported
Port switching method		Keyboard or mouse combination hotkeys, OSD (pop-up menu), touchscreen**
Power supply		100-240V, 50/60 Hz (external)
Power consumption		Max. 25W
Housing		Metal
Dimensions (L x W x H)		261 x 174 x 44 mm (10.3 x 7.0 x 1.7 in)
Safety regulations		FCC, CE, C-Tick, Class B
Weight		1.26 kg (2.77 lb)
Temperature	Operation	0°C (32°F) to 40°C (104°F)
	Storage	-10°C (-4°F) to 50°C (122°F)
Humidity		0% to 80% relative, non-condensing

\*Concurrent support for communication cascading and touchscreen control is currently unavailable

\*\*Contact us for more information on supported touchscreen brands

### Video and Audio Control

- Picture-in-Picture (PIP) overlay display
- Image overlay fader control
- Video loss detection/alarm
- Automatic or manual image adjustment
- Image cropping and panning
- HDMI audio output
- Embedded speakers/earphone
- Supports analog and embedded audio
- Audio delay fine adjustment to ensure lip sync
- User configurable audio follow video/image (AFV) or break-away switching
- 7.1 surround sound (8 channel surround audio system) (2H2U only)

### On-Screen Displays

- 3D borders
- Labels
- Pop-up menu controls
- Host cursor and icons
- Active window indicator
- Background picture
- Audio volume bar
- Audio delay adjustment
- Audio tally
- Audio meter (2H2U only)

### Accessories

- HDMI cable (L:1.8m)
- Rubber pads
- 12V DC power adapter
- USB A to B cable
- Rack mount kit with power adapter tray (optional)
- Sequoia all-in-one cable (L:1.8m) (optional)

### Resolution

- Input: automatic sensing of input signals
- Output: customer configurable up to 1920 x 1200
- Automatic monitor resolution detection
- Manual: up to 1920 x 1200 (WUXGA) at 50/60 Hz or 1600 x 1200 (UXGA) at 75 Hz





### Powerful multi-tasking

Intuitive control using  
touchscreen functionality



### Unlimited versatility

Monitor up to four HDMI inputs with  
a switching function for mouse/keyboard  
control and an integrated USB hub



### Streamlined monitoring

All input windows are freely adjustable  
and have full screen capability



### Sleek design

Case features a low noise fan,  
speakers and mic/headphone  
jacks on a rack mountable frame

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