



Titan 8000

The Titan 8000 multiviewers are designed for monitoring a variable number of DVI/VGA/YPbPr and HD/SD-SDI/CVBS signals simultaneously on a single screen. One Titan 8000 can display up to eight sources in fully customizable layouts, with WUXGA/1080p clarity and essential on-screen graphics available for a wide array of applications.

Scalable architecture allows user to cascade multiple Titan 8000s and monitor up to 64 sources over a single multiviewer output. When paired with Avitech Sequoia Station, Titan 8000s can be used to create a large multiviewing system with integrated mouse/keyboard functionality, enabling user to control up to 32 computers with one set of mouse and keyboard.

TITAN 8000 SERIES COMPARISON

Model	DVI/VGA/YPbPr	SDI/CVBS
Titan 8002V	2	—
Titan 8004V	4	—
Titan 8004C	2	2 CVBS (PAL/NTSC)
Titan 8004U	2	2 HD/SD-SDI/CVBS
Titan 8008C	4	4 CVBS (PAL/NTSC)
Titan 8008U	4	4 HD/SD-SDI/CVBS

Modules from Q4 2011 or later are HDCP compliant. Earlier modules must undergo factory modification for HDCP compliance.

FEATURES

- Automatic sensing of DVI/VGA/YPbPr and SDI (HD/SD) / CVBS (NTSC/PAL) input signals
- Automatic detection of optimum display resolution
- 1RU chassis accommodates a maximum of 8 video inputs and one multimedia input (background video/image)
- Cascading of multiple units (up to 8 units) via DVI expands multiview display up to 64 sources
- Customizable on-screen labels, borders and digital clock
- Dynamic software control via Phoenix-G for system configuration, display customization and multiple-system control (via IP/RS-232 communication)
- Compatible with Avitech Phoenix control panel (TACP), Sequoia Station or KM controller, and keypad for additional human interface options
- HDCP compliant
- Save up to 26 presets for on-the-fly configuration
- On-screen alarms and tally controls ensure broadcast readiness

VIDEO CONTROL

- Free-scaling windows (full-screen and PiP overlay display)
- Automatic/Manual image position and RGB gain adjustment
(only available with VGA signals)
- Image cropping and panning
- Image fader control
- Aspect ratio control

ON-SCREEN DISPLAYS

- Image border
- BMP label
- Video loss alarm
- Digital clock
- Tally
- Background video/image (from DVI-I Cascade In)

ACCESSORIES

→ Included:

- RJ-50 GPIO/Tally terminal block
- Power cable (US customers)

→ Optional:

- Redundant DC power supply
- DVI-I breakout cable
- DVI to VGA adapter
- DVI-I cascading cable
(when purchasing 2 or more Titan 8000)
- RS-485 cascading cable
(when purchasing 2 or more Titan 8000)

SPECIFICATIONS

CHASSIS		1RU with up to 8 video inputs	
INPUT		1 x RS-232 (Serial) 1 x RS-232 (for keypad control) 1 x RJ-45 (Ethernet) 1 x RJ-45 (RS-485 for communication cascade input) 1 x RJ-50 (GPIO for tally/preset loading) 4 x DVI-I Automatic sensing of input signals (resolution up to 1920 x 1200) HDCP compliant 4 x BNC Automatic input signal sensing of SDI (HD/SD) / CVBS (NTSC/PAL) 1 x DVI-I (for video cascade input or background video/image)	
OUTPUT		1 x RJ-45 (RS-485 for communication cascade output) 1 x DVI-I HDCP compliant	
		Max. Resolution	1920 x 1200 (WUXGA) @50/60 Hz 1600 x 1200 (UXGA) @75 Hz
POWER REQUIREMENTS		100-240V AC / 12V DC Adapter / Max. 30 Watt	
DIMENSION (LxWxH)		19.01 x 10.00 x 1.75 inch (48.30 x 25.40 x 4.44 cm)	
WEIGHT		8.00 lbs (3.60 Kg)	
TEMPERATURE	Operation	0°C (32°F) to 40°C (104°F)	
	Storage	-10°C (14°F) to 50°C (122°F)	
HUMIDITY		0% to 80% relative, non-condensing	
SAFETY REGULATIONS		FCC, CE, C-Tick, Class A	

Specifications and data are subject to change without notice.

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