

# VANTAGE<sup>®</sup> PSU-3X

## Digital Video Assist



Vantage introduces  
the new PSU-3X – the world's  
most powerful video assist



Made in Germany by Vantage Film GmbH  
For further information contact Vantage Film, Phone +49 961 26795, Fax +49 961 62983, [www.vantagefilm.com](http://www.vantagefilm.com)

# PSU<sup>®</sup>-3X

## The Ultimate Video Assist

The PSU-3X sets the standard for high-end HD digital video assist systems. With this latest iteration, Vantage Film delivers a powerful range of functionality and image quality in a tool that is compact, elegantly designed and intuitive to use. And because it's from Vantage, you can be sure the PSU-3X performs with rock-solid dependability.

After 20 years of designing and building lenses and 15 years of making the PSU line of video assist systems, we at Vantage Film understand the specialized needs of filmmakers. The PSU-3X combines software and hardware into a single, extremely small and lightweight unit specifically designed to hold up under the duress of production. When the pressure's on, the PSU-3X delivers, flawlessly.

The PSU-3X records video streams from as many as four cameras at once and is capable of playing back two separate takes while simultaneously displaying all four cameras on its high quality touch-screen. The result is vastly improved efficiency and a happy set.

The heart of the PSU-3X is a state-of-the-art integrated dual HD processor for high definition video input and output. HD takes are displayed in HD quality on the unit's touch-screen, as well as on up to four outboard HD monitors. Simultaneous recording and playback saves time. 2x and 1.3x anamorphic desqueezing expand your options.

Users of the PSU-3X rave about the unit's power attributes, which are far superior, especially in tough production environments. Battery operation lasts six hours, with hot-swap capability eliminating headaches. AC power supply is also an option.



**Simplicity** Ease of use is crucial to the on-set user of the PSU-3X. This operational simplicity might seem to conflict with the unit's vast array of functions – many of them unavailable in any other system. But we place great importance on striking the proper balance with logical design. It's important to us that anyone from an untrained newbie to the most seasoned digital imaging technician can use this tool with facility. The PSU-3X's instruction manual is four pages long. Enough said.



Made in Germany by Vantage Film GmbH · For further information contact Vantage Film, Phone +49 961 26795, Fax +49 961 62983, [www.vantagefilm.com](http://www.vantagefilm.com)

- 4 channel recording
- Parallel operation offers recording and playback at the same time
- Two individual video-out streams for HD or SD monitors
- Monitoring of up to four sources at the same time
- Dual playback
- PSU Satellite<sup>®</sup> iPad-based live stream and directors communication
- Anamorphic desqueezing for regular 2x and 1.3x squeeze
- LUT Manager – all common formats – unlimited
- Metadata Capturing – XML file export
- Analog & Digital Timecode
- Multi Camera Shot Manager
- High speed take import/export
- Two independent audio signals
- Manual audio delay up to ±30 frames
- Built-in speaker
- Changeable SSD data storage
- 6 hours of battery operation
- Hot-swap of batteries
- Built-in pivotable touch-screen monitor with high-quality display
- Optional AC mains power supply
- High quality, solid, all-aluminium housing
- Compact and lightweight (10.8 kg)

# THE PERFECT CREW MEMBER

PSU<sup>®</sup>-3X and PSU<sup>®</sup> Satellite prove to be indispensable tools



## PSU Satellite

Video assist professionals must find convenient, dependable ways to deliver quality images to the eyes that need to see them – often in difficult, ever-shifting circumstances.

This ingenious tool helps by transmitting images from the PSU-3X to a nicely housed, handheld, iPad-based unit called the PSU Satellite. It simply works, with very little delay and an array of

accompanying functions. Your producer will thank you.



***"The PSU is designed, manufactured, programmed and supported by one company. And it's a company that stands behind every nut and bolt and every board in the unit."***

*David "Goldy" Goldsmith*

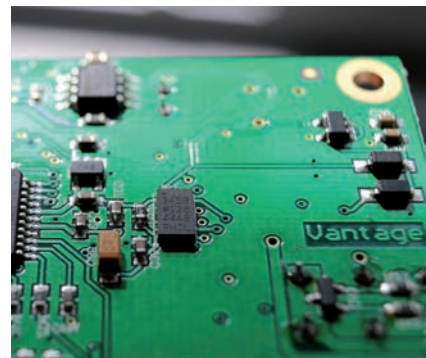


Made in Germany by Vantage Film GmbH

For further information contact Vantage Film, Phone +49 961 26795, Fax +49 961 62983, [www.vantagefilm.com](http://www.vantagefilm.com)

# MANUFACTURED BY VANTAGE

Form follows function, and we believe that the PSU-3X's outward elegance speaks of the ingenious functionality within. The compact design and construction of the PSU-3X is done completely in-house. We develop our own sophisticated electronics and other components with a single application in mind, without compromise. We have extensive experience with filmmaking tools that require extremely accurate yet bulletproof mechanics. All metal parts are machined aircraft-grade aluminum or machined stainless steel, which makes the unit very robust but also very lightweight.



## David "Goldy" Goldsmith on the PSU-3X:

*The PSU system offers portability and configuration possibilities that I haven't seen on any other system out there. The PSU is the focal point of the entire production. With the PSU, I'm able to do everything a Director, Cinematographer, Producer, VFX Supervisor, or Script Supervisor requests. It provides a crystal clear picture. I can record and play back, and, with the built-in editor, I can quickly edit shots without transferring to a different system or software. Video effects capabilities are abundant.*

*The software itself is incredibly intuitive. Say you record a shot and play it back for the Script Supervisor. Out of the blue, the Visual Effects Supervisor pops in and says, "Do me a favor. Can you flop the image, blow it up 10%, and rotate it to the left?" The answer is, "Yes." I can do that within seconds. That request is accomplished without interfering with the playback I'm doing for the Script Supervisor. The capability of multitasking is outrageously powerful.*

*The PSU is compact and configurable. You can start your day on a sound stage in a controlled environment, do a shot, then load it into a truck and drive to the desert to do a high speed chase with the same system, going wirelessly. Then you can jump into a helicopter and do some aerial shots. And all the while, the production has access to everything, no matter where you are.*



*Other devices I have used are dependent on a tower computer, or a laptop, with many external devices that have to work in conjunction: up-convertors, de-scalers, things made by various manufacturers.*

*The PSU is designed, manufactured, programmed and supported by one company. And it's a company that stands behind every nut and bolt and every board in the unit.*

*The Vantage PSU system has proven itself to be an indispensable tool, and my work has grown by leaps and bounds since I've been using it.*

*Recently I worked with Paul Thomas Anderson. He used the PSU Satellite all day long. I found it offered him freedom and on-set access like never before. We could communicate with each other through the Satellite. We played back live images from as many as four cameras up to 100 feet away. The Satellite is a wireless handheld viewing device in the palm of the Director's hand, that also provides access to storyboards script, emails and live video with no visible delay. The ability to download takes for later review creates 'near-dailies' way before they are created by the post house.*

**David "Goldy" Goldsmith** is a top video assist professional, with 20 years experience working in the business.

## Vantage PSU®-3X Accessories



### AC Adapter

Serves as power supply for the PSU. 110-240V. EU or US version available.



### Remote Control

Operates recording channels, player (play, pause, stop, skip), input switch, video-out sockets and action master.



### Sunshade

Built like a traditional matte box sunshade to reduce reflections. Folded up it's a screen protection on location.



### Rain Cover

Waterproof textile cover to protect the PSU in wet conditions. Requires PSU sunshade.

Specifications and technical data contained herein are subject to change without notice.  
EP 1638004 / EP 1638101 European Patents granted  
PSU® is a registered trademark of Vantage Film GmbH, Germany.



Made in Germany by Vantage Film GmbH

For further information contact Vantage Film, Phone +49 961 26795, Fax +49 961 62983, [www.vantagefilm.com](http://www.vantagefilm.com)