UltraStudio for Thunderbolt™

The highest quality capture and playback solutions for your Thunderbolt™ computer!

Built with blazingly fast Thunderbolt or Thunderbolt 2 technology, UltraStudio lets you work with the highest quality video resolutions all the way up to Ultra HD 4K! Choose from a range of rack mount and portable UltraStudio for Thunderbolt models featuring SDI, HDMI and analog video connections. UltraStudio works with all your favorite video software such as DaVinci Resolve, Final Cut Pro, Avid Media Composer and Adobe Creative Suite. UltraStudio are QuickTime and WDM based and work with any Mac OS X and Windows video software!

UltraStudio 4K

UltraStudio Mini

UltraStudio Express

Advanced Workflow

UltraStudio for Thunderbolt models are perfect for high performance work that demands the highest quality. Using a single Thunderbolt cable, you can easily connect any Thunderbolt computer or laptop for amazing on set color correction, editing, visual effects and video streaming.

Lightweight and compact, UltraStudio Express and UltraStudio Mini models are extremely portable, easily moving from one computer to another. UltraStudio 4K is a high performance 'break out box' style capture and playback device for highest quality Ultra HD 60p editing as well as DCI 4K resolutions.

Choose the model that's perfect for your needs!

UltraStudio 4K

UltraStudio Express

UltraStudio Mini

UltraStudio 4K has a rack based 'breakout box' design with the latest high performance 6G-SDI video technology, and is perfect for equipment racks, post production suites or flyaway kits! UltraStudio Express has built in SDI and HDMI inputs and outputs, plus 2 breakout cables for connecting to professional and consumer analog equipment. UltraStudio Mini Recorder and UltraStudio Mini Monitor include SDI and HDMI connections and are great when you require either capture or playback in SD or HD. UltraStudio Express and UltraStudio Mini models are Thunderbolt powered so you just plug in and go!

World's Highest Quality Connections

With UltraStudio you can connect to virtually any video device, including cameras, monitors and broadcast decks for frame accurate editing and recording!

UltraStudio 4K has 6G-SDI, HDMI 4K, analog component video, 16 channels of SDI audio, 2 channels of balanced analog, 2 channels of unbalanced AES/EBU audio, timecode, up/down/cross conversion, reference and serial deck control.

UltraStudio Express has built in 3G-SDI and HDMI connections and includes consumer RCA and professional BNC/XLR breakout cables for analog component/S-video and composite, analog audio, genlock, AES/EBU audio, RS-422 deck control and more.

UltraStudio Mini models are ideal when space is tight and you require only capture or playback. UltraStudio Mini Recorder features 3G-SDI and HDMI input and UltraStudio Mini Monitor features 3G-SDI and HDMI outputs.

High speed data transfer comparison charts

Thunderbolt 2™	20 Gb/s
Thunderbolt™	10 Gb/s

The Power of Thunderbolt™

Built on revolutionary Thunderbolt™ technology, UltraStudio uses a blazingly fast single cable connection to your computer that has the bandwidth to handle the highest resolution video formats easily! Thunderbolt ensures low latency and highly accurate time synchronization for the highest quality capture and playback. UltraStudio Express and UltraStudio Mini models

USB 3.0	5 Gb/s
USB 2.0	480 Mb/s

are powered via the Thunderbolt connection so they are extremely portable. The high performance UltraStudio 4K model is the world's first Thunderbolt 2 solution! Featuring double speed Thunderbolt 2 with loop thru and dual link 6G-SDI, it is ideal for demanding 3D stereoscopic workflows, Ultra HD and DCI 4K.

Unmatched Quality
Amazing 4K resolutions in compressed or uncompressed

UltraStudio supports popular compressed video formats such as ProRes and DNxHD as well as 10-bit uncompressed video, so you're not locked into a single file format. When working with uncompressed video all captured images are a perfect pixel-for-pixel clone of the source without any quality loss, so you have the confidence you're working at the absolute highest quality possible. Get the sharpest keying with green screens, cleanest compositions, superior color correction and more! Ultra HD 4K has 4 times the resolution of 1080HD for amazing looking images!

Advanced Video Technology
Work in 10 bit 4:4:4 for results that are simply beautiful.

UltraStudio 4K includes some of the most advanced video technologies available! The built in 6G-SDI operates at 4 times the speed of a regular HD-SDI connection, which means you get Ultra HD and 4K with only 1 BNC cable instead of the 4 BNC cables required in the past!

This high bandwidth connection is perfect for full color resolution 4:4:4 video that's great for video effects and high frame rate video up to 1080p60. UltraStudio 4K also supports dual stream 3D with capture and playback of 2 independent channels.

Caractéristiques essentielles de l'UltraStudio 4K

• Connexions 6G-SDI Single Link, 3G-SDI Dual Link. Prise en charge des formats SD, HD jusqu'à 1080p60 et 4K DCI.

• Compatible aves les ordinateurs Mac OS X équipés de la technologie Thunderbolt 2 et Thunderbolt.

• Entrées SDI incluant la resynchronisation SDI pour l'acquisition à partir de sources SDI de basse qualité.

• Entrée et sortie HDMI, prise en charge des formats SD et HD jusqu'à 1080p60, 3D frame packing et 4K.

• Entrée et sortie composante analogique.

• Composante analogique basculant en s-vidéo et composite.

• 2 canaux audio symétriques analogiques. Entrée HiFi audio RCA supplémentaire.

• 2 canaux audio entrée et sortie AES/EBU asymétriques

• Entrée/sortie Timecode sur connecteurs XLR

• Entrée Genlock/tri-sync.

• Port de contrôle de type Sony compatible RS422.

• Prise en charge de l'acquisition et de la relecture de vidéo aux formats non compressé 8/10 bits et compressé.

• Prise en charge de l'acquisition et la relecture Ultra HD et 4K DCI via les connexions 6G-SDI Single Link ou 3G-SDI Dual Link et HDMI.

• Acquisition/relecture side by side, line by line, top et bottom et 3D frame packing via HDMI.

• Acquisition/relecture side by side, line by line, top et bottom et 3D dual stream via SDI.

• Comprend la conversion up, down et cross de matériel pour la relecture.

• Inclut l'incruste matériel SD et HD.

• Prise en charge de Final Cut Pro X, Avid Media Composer 7 Adobe Premiere Pro CC6, Adobe Photoshop CC6, Adobe After Effects CC6 , DaVinci Resolve et plus.

• Prise en charge gratuite du logiciel DaVinci Resolve Lite.