Samsung Adds WI-FI Connectivity TO S-Series Camcorders

January 8 2010

Samsung HMX-S16

Samsung Electronics today introduced its new S-Series of full HD digital camcorders, the world's first to include built-in Wi-Fi and DLNA connectivity.

Comprising three new models, the HMX-S10, HMX-S15 and HMX-S16, the new S Series are also the highest performing full-HD camcorders in Samsung's history. All three new camcorders incorporate Samsung's proprietary new Victoria Engine processor and a cutting-edge 1/2.3 inch BSI (Back Side Illumination) CMOS imaging sensor which combine to yield outstanding image quality and low-light performance. The HMX-S10, HMX-S15 and HMX-S16 will be on display during the 2010 International Consumer Electronics Show, January 7-10, 2010.

Wi-Fi & DLNA Connectivity

The new Samsung HMX-S15 and HMX-S16 are the world's first to offer both built-in Wi Fi and DLNA connectivity. The HMX-S15 and HMX-S16 feature Samsung AllShare, which allows consumers to easily access, manage and share content including their full-HD videos across other DLNA certified devices. With the integrated Wi-Fi connectivity, consumers can now forego having to connect any cables to enjoy their HD video or digital still images in amazing clarity on their HDTV or computer. Consumers can also take advantage of built-in HDMI connectivity to view their content on devices that may not be DLNA certified simply by connecting to the source via an HDMI cable.

Powerful Schneider Optics and 3.5-inch Touch-Screen LCDs

Samsung's S-Series incorporate world renowned Schneider optics. Each S-Series camcorder boasts a powerful Schneider Kreuznach Varioplan-HD lens with Samsung's 18x Intelli Zoom. Significantly more reliable than a standard digital zoom which negatively affects the quality of the image, Samsung's new Intelli-Zoom allows users to go beyond the camcorders' 15x optical zooms without sacrificing image quality. The S-Series' Kreuznach Varioplan-HD lenses are also paired with Optical Stabilization to help reduce image blur and shaky video, which can be especially helpful when using the camcorders' full optical zooms. The Samsung S Series camcorders also enhance the user experience with large 3.5-inch wide touch-screen LCDs which house a 3D graphic user interface (GUI). The ultra-bright, swiveling, WVGA LCDs and GUI not only offer fascinating visual effects but grant users uncomplicated, intuitive and easy access to all of the camcorders' advanced functions.

Innovative New Video Processor and CMOS Sensor

Samsung's full-HD S-Series camcorders are highlighted by a revolutionary new BSI CMOS imaging sensor designed to absorb more light than other conventional sensors and deliver unprecedented low-light performance. The new BSI CMOS sensor is further enhanced by Samsung's proprietary new Victoria Engine video processor designed specifically to optimize performance of HD camcorders. Samsung's new Victoria Engine video processor offers a 3D noise reduction filter that efficiently suppresses noise while preserving details and edges resulting in crisp video and still image quality. The Victoria Engine also expands the range of color expression and improves video quality with the help of other video processing modules such as contrast, white tone and color tone enhancement. Amazingly, despite all of its advanced features, the Victoria Engine draws a minimal amount of power thanks to 45 nano chip fabrication technology, drastically extending the camcorders' battery life to more than two hours.

Samsung's SSD Technology

Samsung's S-Series camcorders utilize internal Solid State Drives (SSD), which offer a substantial advantage over Hard Disk Drives (HDD) in digital camcorders. First introduced in Samsung's full-HD H-Series camcorders, SSD technology provides consumers with better performance and greater durability than other forms of internal memory. In comparison to HDD, Samsung's SSD technology is more lightweight and compact, operates silently with very low heat emission, and features no moving parts, which significantly reduces overall power consumption and enhances reliability. The absence of moving parts makes SSD technology more durable and resistant to shock and vibrations, which pose a considerable threat to the performance of HDD based digital camcorders. Additionally, Samsung's SSD technology is faster than HDD, including quicker boot-up and read/write speeds which is required for the amount of data recorded in full HD resolution. Samsung's HMX-

S16 offers an internal 64GB SSD while the HMX S15 offers an internal 32GB SSD. Both camcorders also allow consumers to expand memory capacity using an SD/SDHC memory card. The HMX S10 does not feature internal SSD memory and requires the use of a SD/SDHC memory card.

Unique Features

The S-Series camcorders offer a variety of unique features such as a flash to help capture 10 mega-pixel digital still images, storyboard printing and the ability to shoot in super slow motion with speeds of 300 fps at a resolution of 368x208 and 600 fps at a resolution of 192x112. The S Series camcorders also are equipped with high-definition time lapse recording, which gives consumers the ability to truly experiment with their creativity. When shooting in the time lapse recording mode, the camcorder will record a single image at an interval pre-selected by the user, either one, three, five, 10, 15, or 30 seconds, and will save each image as one single movie file.

Source: Samsung