

# ARRI ALEXA SXT W



W as in Wireless. ALEXA SXT W is totally wireless. Wireless Video, WiFi and wireless camera/lens control are all built in.

ARRI has integrated a high-quality, low-latency (no delay) HD video transmitter and a WiFi radio into the new ALEXA SXT W model. Having a video transmitter built in makes the camera smaller, lighter and less cluttered than having an external transmitter. Fewer cables is nice because how many times have you rummaged through equipment cases looking for the essential one that you just cannot find? Camera setup can now be quicker, and the AD might even thank you for saving precious production time.

Product Manager Marc Shipman-Mueller explains, “ARRI’s new WVS Wireless Video System transmits uncompressed HD up to 600 m with no delay (< 1ms). The signal includes audio, timecode and Record Start/Stop flags. Up to four ARRI receivers can be used per transmitter.

“The second set of antennas on ALEXA SXT W is for the integrated WiFi radio. It can be used for wireless color management on set, wireless camera remote control using the ALEXA Web Remote, and other interesting apps available now or in development.

“The fifth antenna is dedicated to ARRI’s Electronic Control System (ECS) for WCU-4 wireless lens, focus, iris, zoom and camera control.”

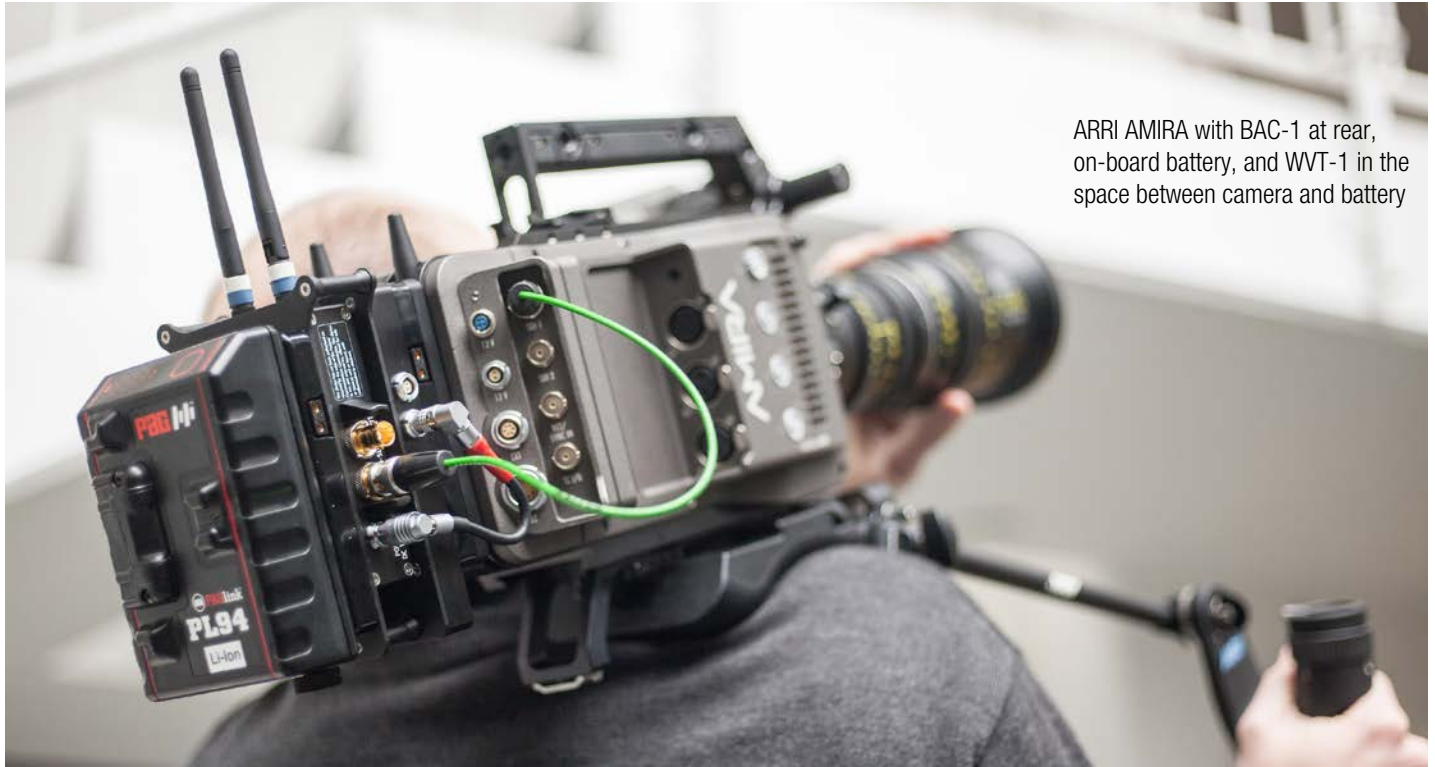
Interference between different radio frequencies has often been a headache, heartburn or worse. The SXT W mitigates that worry.

ALEXA SXT W will replace all previous SXT models. Life gets simpler: there is only one version of SXT W. Existing ALEXA SXT EV and SXT Plus owners can upgrade.

SXT W will be accompanied by software upgrade SXT SUP 2.0, which adds improved HDR monitoring, support for current SxS PRO+ and CFast 2.0 cards, quicker frame grabs, various WCU-4 and lens motor features, and other refinements.



# ARRI Wireless Video System beyond SXT W



ARRI AMIRA with BAC-1 at rear, on-board battery, and WVT-1 in the space between camera and battery

The ALEXA SXT W is just one part of ARRI's jump into the world of wireless video. Anyone can benefit from ARRI's new WVS (Wireless Video System) even if they don't have an ALEXA SXT W or an ALEXA SXT ready to upgrade.

ARRI WVS consists of a stand-alone video transmitter to be used with other ARRI or third-party cameras. A stand-alone video receiver works both with this transmitter or the one in an SXT W. An ARRI representative explained, "At the heart of the system is technology from market leader Amimon, with special hardware and software modifications to comply with ARRI's stringent performance and quality requirements."

ARRI's accessory team has been busy building an extensive range of mounting brackets, antenna extensions and a handheld Director's Monitor Support (DMS), as well as a specially adapted Transvideo monitor with a built-in receiver for the ARRI transmitters. It is a modular and flexible system. An extra power-out on the video receiver, for example, permits both the receiver and an attached handheld monitor to work from a single on-board battery.

Every component of the WVS is spray and dust proof, built from rugged materials, with protective collars on the connectors, and able to operate over a wide temperature range.



Battery Adapter Cage BAC-1, available for Gold or V-Mount. WVT-1 slides into center space.

WVT-1 Transmitter



WVR-1 Receiver



## ARRI WVS Accessories



DMS-1 Monitor / Receiver handgrip system with Transvideo Stargate and WVR-1 Receiver



DMS-1 rear view with V-mount battery bracket and Transvideo Stargate. Gold mount and Sony L brackets also available.



DMS-1 Duo set for two-camera setups: 2 Transvideo Stargate monitors and 2 WVR-1 Receivers.



DMS-1 Set with mounting bracket to position it on a stand.

## Starlite ARRI-WVS for Alexa SXT W



Transvideo Starlite ARRI-WVS receiving video from ALEXA SXT W, attached to WCU-4

Transvideo Starlite ARRI-WVS is a 5-inch OLED monitor with a special receiver built in to receive the video signal from either the ALEXA SXT W or ARRI's stand-alone transmitter WVT-1.

(However, note that Starlite ARRI-WVS cannot receive a video signal from the Transvideo's own TitanHD2 TX transmitter. For that, you need Transvideo's StarliteRF-A monitor/receiver.)

So, it boils down to which transmitter and camera you're using. Further clarification will surely follow NAB. Until then:

Transvideo's Starlite RF-A is also a 5-inch OLED monitor. It has a touchscreen and a built-in wireless receiver that can control camera functions on ARRI Alexa Mini and Amira cameras. You can also mount the StarliteRF-A onto an ARRI WCU-4, Preston, cmotion or other wireless lens controller for sharp and bright viewing while pulling focus.

StarliteRF-A operates on the 5.8Ghz ISM band. Up to 5 StarliteRF monitors can receive the zero-delay, no-latency signal from Transvideo's companion TitanHD2 TX transmitter up to a range of 200 meters. The transmitter unit uses a 5-pin Lemo to connect with the camera EXT connector.

[www.transvideo.eu](http://www.transvideo.eu)

