With broadcast technology constantly evolving, AJA is uniquely situated to provide future-proof technology to leading manufacturers and developer partners in the video industry. AJA now supports 12G-SDI with solutions for editing I/O 4K Plus, transmission over fiber, and Converters to Mux/Demux and distribute 12G-SDI wherever needed. Whether you are a high-profile media company, post-production house, mobile truck operator, or cinematographer, the reliability, flexibility and performance of AJA technology is incomparable.

SDI ADVANCES OVER TIME

SDI (Serial Digital Interface) is a family of digital video interfaces first standardized by SMPTE and over time has evolved to support increasing video resolutions (HD, UHD and beyond), frame rates, stereoscopic (3D) video, and color depth.

1996
WRAL-TV of Raleigh, NC becomes the first TV station in the USA to broadcast a digital television signal.

3G-SDI becomes the new standard as frame rates have progressively increased.

2015
6G-SDI is introduced with 4K cameras.

Today
Broadcast technology is still evolving! Many broadcast facilities now require 75-ohm coaxial cables to carry 10x more bits than the original SDI at 270MBps. 12G-SDI has the ability to handle high frame rate and deep color 4K/UltraHD signals over a single cable.

Enables transmission of deep color 4K/UltraHD signals over a single cable

Enables faster frame rates

Increased Bandwidth (11.88 Gbps)

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