

NewTek Spark™ Plus IO 12G-SDI

A fast and easy way to video over IP and the perfect solution for broadcast quality productions without the complex set-up.

The NewTek Spark IO 12G-SDI not only offers a fast and easy way to video over IP but now supports up to 4K 60p 12G-SDI video inputs and outputs. This simple solution means the NewTek Spark family of products supports the whole spectrum of video production. The Spark IO 12G-SDI is the perfect solution for broadcast quality productions without the complex set-up.

NewTek Spark Plus IO 12G-SDI offers broadcast media production professionals a quick and easy solution to use up to UHD 60p video in IP based media production workflows. With NewTek Spark™ Plus IO 12G-SDI, anyone can easily connect 12G-SDI cameras or devices, convert the video signal to high bandwidth NDI®, and then share it with any compatible system, device, or application anywhere on the network. The same Spark Plus IO 12G-SDI takes signals from anywhere on the network and converts the video for sending to UHD screens, monitors, projectors, or video walls.



Power & Flexibility

Decode or Encode up to 12G-SDI in a single device: Unprecedented flexibility to set up, change and use network infrastructure combined with input and output devices.

Pristine UHD Video

Capture and deliver broadcast-quality ultra-high-definition video with native support for resolutions up to 2160p 60 with simultaneous video loop out.

IP Based Production

Acquire from and deliver video to the network with NDI® through 12G-SDI connections for integrating with the most powerful professional equipment.

One Cable Connectivity

Supply power, connect to the network, acquire and transmit video, with a single Ethernet cable.

Software Driven

Integrates with live production systems from NewTek and other manufacturers, as well as software applications to easily satisfy a variety of production requirements.

NewTek Spark™ Plus IO 12G-SDI Technical Specifications

Video Input	1 x 12G-SDI
Video Output	1 x 12G-SDI
Audio Input	1 x 12G-SDI embedded audio input 1 x 3.5 mm analog stereo line level
Audio Output	1 x 12G-SDI embedded audio output 1 x 3.5 mm analog stereo line level
Encoding Decoding	NDI®
Networking	1 Gigabit Ethernet
Interface	Web-based user interface for configuration and monitoring
Tally	Tally support via NDI®
Formats	2160p: 59.94, 50, 29.97, 25 1080p: 59.94, 50, 29.97, 25 720p: 59.94, 50, 25
Power	Power over Ethernet or external power adaptor DC 5V~18V power supply
Physical	Portable enclosure with threaded screw camera mount <ul style="list-style-type: none"> • 4.33 x 3.7 x 1.1 in (110 x 95 x 28 mm) • 0.66 lbs (.30 kg)

Subject to change without notice.

