

SPROLINK®

CREATIVE VIDEO REVOLUTION

NEW



NeoLIVE R5S

**FULLY UPGRADED MULTI-FUNCTIONAL
LIVE STREAMING SWITCHER**

www.sprolink.com

Overview

The NeoLIVE R5S is a brand new designed & updated multi-functional broadcast switcher. It includes five input channels and a multi-view combination transition effect, Two SDI inputs, two HDMI inputs with 4k resolution. It supports Lower Third dynamic overlay feature with MV preview output, and in-house recording. It not only supports seamless switching between vertical and horizontal screens, but also includes a built-in hardware streaming engine to fit various streaming software to realize a high-quality, professional multi-camera production and multi-platform online streaming.

Key Features

- Supports Type-A USB 3.0 Lossless Stream
- Five video inputs including two SDI inputs and two 4k HDMI inputs
- Compatible with UVC Cameras and Remote Camera for Versatile Inputs
- Built-in Media Player for Direct Playback & As Input Source
- Supports PGM Output and MV Output
- Supports Lower Third Overlay
- Supports In-House Recording by USB Disk and Hard Drive
- Supports Vertical & Horizontal Screen Switching
- Built-in Server for Web Browser Control
- Dual Channel RTMP Streaming through Ethernet.

Functionality



Multi-Functional Input

The NeoLIVE R5S features a multi-functional input that can directly play media video sources from a USB drive or connect to a UVC camera without converters. It also supports NDI, SRT, and RTMP protocols to stream remote video feeds into the switcher and use them as an input source, achieving local live streaming.

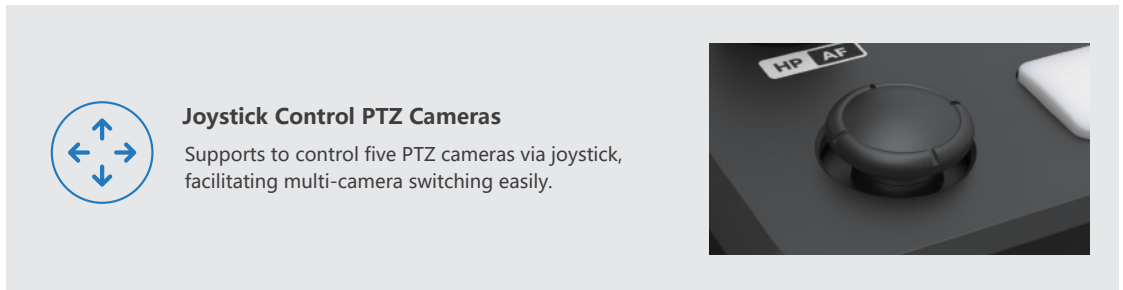
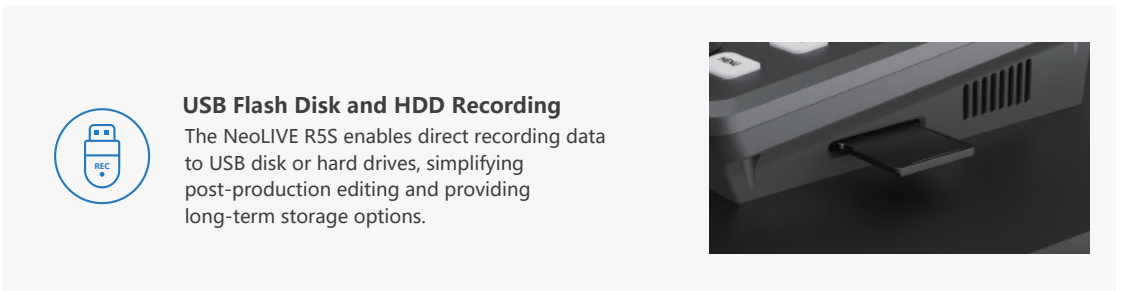
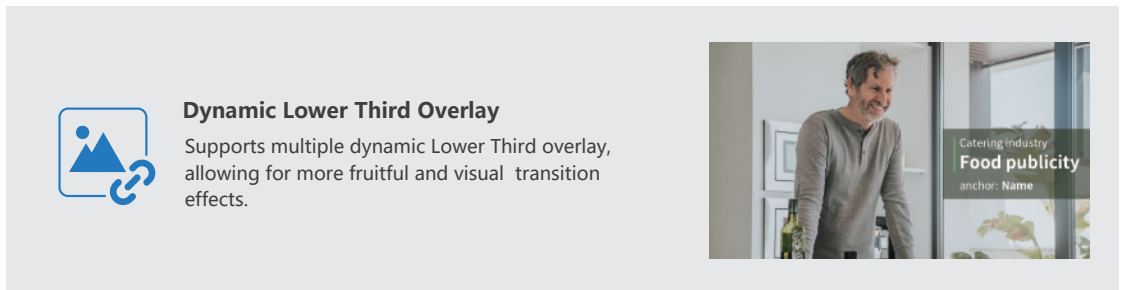


Dual HDMI Outputs for Monitoring

Equipped with dual HDMI outputs, the NeoLIVE R5S provides one output for HDMI PGM and another for MV output, allowing connection to two displays for multi-monitoring setups and viewing.



The NeoLIVE R5S includes a hardware streaming engine that supports live streaming via Ethernet or Wi-Fi without computer. Users are able to stream by inputting RTMP code via the built-in web server to realize smooth and high-quality stream in Tiktok & Facebook.





Multiple Customized Transition

The NeoLIVE R5S features multiple transition effects, including FADE, WIPE, DIP, and DVE effects. It also has a duration button that allows you to set video effects for 0.5 seconds, 1 second, or 1.5 seconds, ensuring smooth and seamless transitions between different scenes.



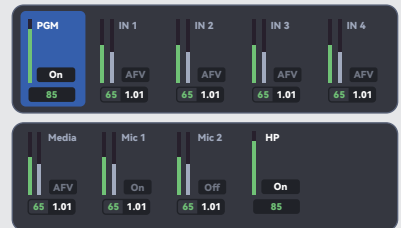
Support USB Image Load in JPG/PNG Format

The NeoLIVE R5S supports direct import of image files via USB disk, compatible with jpg and png formats, it is a troubleshooter for multiple device connection.



Equipped with Audio mixer to facilitate Real Time Mixing

The NeoLIVE R5S is built in professional audio mixer that supports both AFV and MIX audio modes, enabling mixing output of embedded HDMI audio and multi external audio.



Equipped with Audio Input for Real-time Monitoring

NeoLIVE R5S is equipped with a headphone monitoring, enabling real-time monitoring of any input or output audio channel.



Virtual Chroma Key Algorithm

NeoLIVE R5S is equipped with a powerful cinematic-level chroma key algorithm, which uses a color picker to sample the background color and automatically generate keying parameters, providing precise edge and spot control, making it a great tool for news broadcasts or live presentations!



Applications

E-commerce Live Streaming

NeoLIVE R5S is the best choice for e-commerce live streaming rooms. It supports multi-camera switching, capturing wide-angle or close-up shots between the host and the products. Its compact and portable design allows for flexible operation and switching in limited live streaming space.



Various Event Performances

The NeoLIVE R5S is portable and easy to carry allowing it to handle various events and performances. It has multiple built-in scene modes that can be easily recalled and saved. Additionally, you can copy the live production plans and recorded instructional videos to a USB drive or an external hard drive.



Business Presentation

In business meetings, NeoLIVE R5S can achieve multi-camera switching. The PTZ camera angle can be controlled and preset by joystick. One camera can be set for close-up shot, another for wide-angle shot, and an additional computer can be used for PPT presentation. The PIP feature can also be used to enhance the visual experience of business presentation.



Education and Training

NeoLIVE R5S support multi-camera setups and chroma key function to create virtual teaching scenes, meeting the needs of online education. Recorded instructional videos can be copied to a USB drive or an external hard drive.



Parameter

| | | | | |
|-------------------|---|---|---|---|
| Interface | Input | HDMI 2.0 3G-SDI USB 2.0 | 2xHDMI 2xSDI 1xUSB TypeA | HDMI 4K Input Interfaces HDMI 1080P Input Interfaces Video Playback /File Loading/UVC Input |
| | Output | HDMI1.3 | 1xHDMI-A | PGM |
| | | HDMI1.3 | 1xHDMI-A | PVW / PGM / PST |
| | | USB 3.0 | 1xUSB TypeA | UVC Output Port |
| | Audio | MIC IN | 2x3.5mm Stereo Jack | Compatible with MIC/Line Input |
| | | PHONES | 1x3.5mm Stereo Jack | Audio Monitoring |
| Communication | LAN | 1xRJ45 | LAN Control PTZ Control | |
| Input Resolution | HDMI | SMPTE | 720p@50/60 1080i@50 1080p@24/30/50/60 | |
| | | VESA | 1024x768@60 1280x768@60 1280x800@60 | |
| | | | 1280x1024@60 1360x768@60 1366x768@60 | |
| | | | 1440x900@60 1600x1050@60 1680x1050@60 | |
| | | 1920x1080@23.98/24/25/29.97 /30/50/59.94/60 | | |
| | | (IN1/IN2) 3840x2160@30/50/60 | | |
| SDI | SMPTE | 720p@50/60 1080i@50 1080p@24/30/50/60 | | |
| | VESA | 1024x768@60 1280x768@60 1280x800@60 | | |
| | | 1280x1024@60 1360x768@60 1366x768@60 | | |
| | | 1440x900@60 1600x1050@60 1680x1050@60 | | |
| | 1920x1080@23.98/24/25/29.97 /30/50/59.94/60 | | | |
| Output Resolution | HDMI | SMPTE | 720p@50/60 1080p@24/30/50/60 | |
| | USB3.0 | Video Streaming | 720p@50/60 1080p@24/30/50/60 | |
| Performance | Video Sampling | YUV 4:4:4 | | |
| | Latency | <3 Frames | | |
| | Audio Latency | 0-500ms (0-30/25 frame) | | |
| Power | Input Voltage | 12V/2A | | |
| | Constant Power | 20W | | |
| Environment | Temperature | 0°C~70°C | | |
| | Humidity | 10%~85% | | |
| Weight | Net Weight | 4kg | | |
| | Gross Weight | 6kg | | |
| Dimension | Net Dimension | 244mm x 120mm x 50mm | | |