



NeoLIVE R5PRO

FULLY UPGRADED MULTI-FUNCTIONAL
LIVE STREAMING SWITCHER

Overview

The NeoLIVE R5PRO is a brand new designed & updated multi-functional broadcast switcher. Support built-in 5.5inch screen and landscape & portrait switch for various application fields. It includes five input channels and a multi-view combination transition effect, with two of the channels supporting 4K input. 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

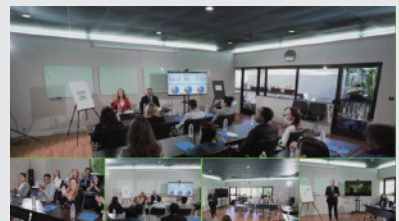
- Support super source multi-input combined as output
- Support portrait switch for various application fields
- Supports Type-A USB 3.0 Lossless Stream
- Supports 4K Input Signal Sources
- Compatible with UVC Cameras and Remote Camera for Versatile Inputs
- Built-in Media Player for Direct Playback & 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



SUPER SOURCE Output

NeoLIVE R5PRO Support super source multi-input combined as output.



Multi-Functional Input

The NeoLIVE R5PRO 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 Channel Streaming via Ethernet

The NeoLIVE R5PRO includes a hardware streaming engine that supports live streaming via Ethernet 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.



Dual HDMI Outputs for Monitoring

Equipped with dual HDMI outputs, the NeoLIVE R5PRO provides one output for HDMI PGM and another for MV output, allowing connection to two displays for multi-monitoring setups and viewing.



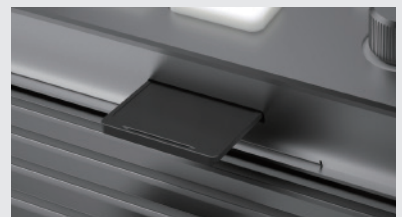
Dynamic Lower Third Overlay

Supports multiple dynamic Lower Third overlay, allowing for more fruitful and visual transition effects.



USB Flash Disk and HDD Recording

The NeoLIVE R5PRO enables direct recording data to USB disk or hard drives, simplifying post-production editing and providing long-term storage options.





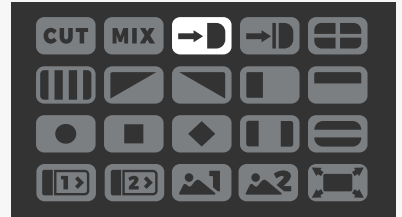
Joystick Control PTZ Cameras

Supports to control five PTZ cameras via joystick, facilitating multi-camera switching easily.



Multiple Customized Transition

The NeoLIVE R5PRO 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.



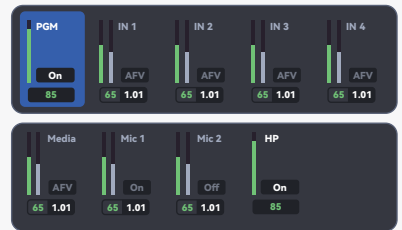
Support USB Image Load in JPG/PNG Format

The NeoLIVE R5PRO 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 R5PRO 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 R5PRO is equipped with a headphone monitoring, enabling real-time monitoring of any input or output audio channel.



Virtual Chroma Key Algorithm

NeoLIVE R5PRO 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 R5PRO 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 R5PRO 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 R5PRO 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 R5PRO 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	2xHDMI	HDMI 4K Input Interfaces
		HDMI1.3	2xHDMI	HDMI 1080P Input Interfaces
		USB 2.0	1xUSB Type-A	Video Playback/File Loading/UVC Input
	Output	HDMI1.3	1xHDMI-A	PGM
		HDMI1.3	1xHDMI-A	PVW / PGM / PST
		USB 3.0	1xUSB Type-C	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 / Stream 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				
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	2kg		
Dimension	Net Dimension	261mm x 144mm x 49mm		

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