



streamZ

Your AI Agent for Short Video Creation

As RGBlink’s first end-to-end AI-powered hardware, streamZ is dedicated to redefining content production. It integrates 4K UHD capture, unified cloud storage and smart distribution, creating an enterprise-grade digital hub for all scenarios. Powered by a high-end GPU-grade hardware architecture and proprietary algorithms, streamZ achieves automatic workflow from raw footage to mature multi-modal content, delivering a 300% efficiency boost over traditional solutions.

More than just a private media data center, streamZ not only streamlines content creation for creators, but also drives enterprise digital transformation by automating scenario-based workflows for content production and distribution.

streamZ embeds a enterprise-grade super-speed drive, storing all materials captured to “My Drive” by HDMI 2.0, USB 3.X connection, WLAN, local network, and internet. The raw or processed content can be shared to “Trusted streamZ” or designated third parties, tailored to specific workflow needs. Military-grade data encryption algorithms are adopted for the data transmission between “My Drive” and “Shared Space”, ensuring the security of file sharing.

Based on unified cloud storage architecture, streamZ fully implements its advantages on local storage and cloud expansion, mixing multi-model content production into the automatic workflows. It empowers businesses to reduce costs, enhance quality, and boost efficiency in scenarios like AI agent generation and AI-driven conference reporting.

Key Features

- OS Architecture:Linux-based system for enhanced stability and security.
- Storage Expansion: Integrated NAS functionality with 128GB built-in storage, expandable up to 16TB via NVMe M.2 interface.
- Video Input:Supports ≥4 concurrent 4K video sources via 1×HDMI 2.0, 2×UVC USB, 1×Wireless Casting (AirPlay/Miracast), OR 1×IP streaming (RTSP/RTMP/SRT).
- Recording Performance:Dual-channel 4K@60fps simultaneous recording,
OR single-channel 4K@60fps + quad-channel 1080P@60fps simultaneous recording.
- Multi-Terminal Management:Cloud, mobile APP, and plugin-free web browser management (cross-platform: Chrome/Firefox/Edge).
- Integrated Live Streaming: Built-in web studio with 10+ industry-specific templates, supporting custom scenes, media overlays, video/audio playli
- Standalone operation replaces third-party software like OBS without external PC.
- Multi-Platform Streaming: ≥4 simultaneous RTMP streams with global cloud distribution, supporting ≥30 platforms.
- AI Processing Suite: LLM-powered content generation; AI image generation (for short video thumbnails); Digital avatar & AI presenter video crea
Automated meeting minutes generation; Text-to-speech synthesis for video overlays
- Hardware Chroma Key: Real-time hardware-level green/blue screen keying for multiple regions simultaneously, no external devices required.
- Flexible Connectivity: Wired Ethernet + Wi-Fi 6 with independent IP access for management interface on both connections.
- Accessory Mounting: Dual 1/4" screw threads for external device attachment (dual camera rigs, lights, microphones, tripods).



H.265/ H.264 Encoder



4K@60Hz Input



HTTP/ SRT/ RTMP/
RTSP/NDI



PoE

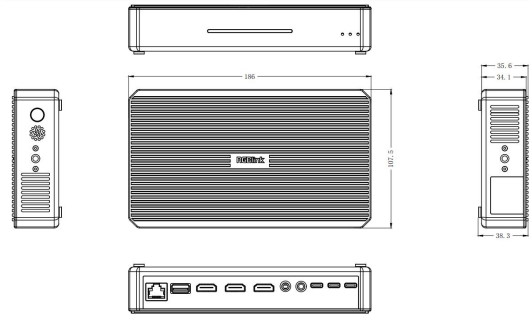


Portable

Application



Dimensions



unit: mm

Specification

Interface	Input	HDMI 2.0	1 × HDMI-A		
		Type-C	1 × USB-C (UVC Input)		
		USB 3.0	1 × USB-A (UVC Input)		
		Phone	WiFi		
	Output	HDMI 2.0	1 × HDMI-A (LOOP)		
		HDMI 2.0	1 × HDMI-A		
		Type-C	1 × USB-C (UVC Output)		
	Audio	Line-in	1 × 3.5mm Audio Jack		
		Line-out	1 × 3.5mm Audio Jack		
		Type-C	1 × USB-C (AI mini)		
Ethernet /Upgrade/Stream	LAN	1 × RJ45			
Storage	USB 3.0	1 × USB-A			
Power	Power	1 × DC Jack			
Performance	RAM	8GB			
	Storage	128GB			
	Input Resolution	HDMI 2.0	3840 × 2160@30/50/60 720p@50 1920 × 1080p@25/30/50/60		
		Format	RGB/YUV 4:4:4/YUV 4:2:2 8bits/10bits/12bits		
		Deinterlacing	YES		
		Embedded Audio	YES		
		HDCP	2.2/1.X		
	Output Resolution	HDMI 2.0	3840 × 2160@25/30/50/60 720p@50 1920 × 1080p@25/30/50/60		
		USB 3.x	4K@60Hz (UVC Output, for Pro version only)		
	Audio Input	Audio Mixing	YES		
		Analog Audio Input	LINE IN		
	MIC	Sensitivity	-36 dBV/Pa		
		Pickup Distance	5 meters		
		Built-in Speaker	Line In	No	
			Line Out	External active speakers supported	
	Output Power	1.1 mW			
	Record	Video	H.264, up to 32Mbps		
Audio		AAC, up to 48Kbps			
Storage	Built-in Storage	128GB			
Encoding	Performance	H.264/H.265			
	Protocols	HTTP/SRT/RTMP/RTSP/NDI			
	Resolution	up to 3840 × 2160p@60			
Power	PD Input	12V/3A			
Working Environment	Temperature	0°C~55°C			
	Humidity	5%~85%			
Physical	Net Weight	500g			
	Package	1050g			
	Net Dimension	186mm × 107.5mm × 35.6mm			
	Package	255mm × 145mm × 85.5mm			

Order Codes

Product Code	Item
970-1000-02-0	streamZ

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