

agentZ

Your AI Agent for Short Video Creation

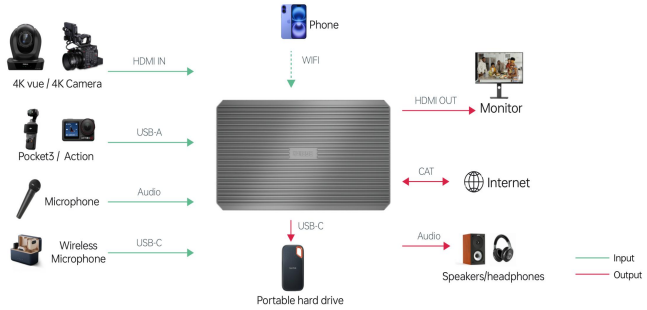
agentZ is an all-in-one AI workstation developed by **RGBlink**. The device comes **pre-installed with the OpenClaw application**, providing users with an out-of-the-box intelligent workstation experience to enhance content creation and business workflow efficiency.
Built on a proprietary hardware architecture comparable to high-end GPUs, agentZ integrates capture, recording, streaming, storage, and AI-assited editing in a single device. This integration reduces the need to export, upload, and distribute media across multiple tools. The system supports end-to-end media workflows for contend production and distribution.
Pre-installed with the OpenClaw application, agentZ allows users to build their own dedicated AI workstation without complex programming. Through AI Agents, users can automate workflow processes and improve efficiency in daily tasks.

Note: *agentZ refers to streamZ devices that are shipped with the OpenClaw application pre-installed. Installing or upgrading the OpenClaw application is currently not supported on standard streamZ devices.*

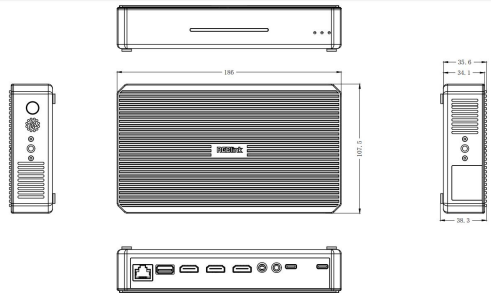
Key Features

- OS Architecture: Pre-installed with a Linux desktop environment and OpenClaw application. Linux-based system for enhanced stability and securi
- Storage: Requires an external storage device to operate.All generated content must be saved to an external USB flash drive or portable hard drive
- Video Input: Supports ≥4 concurrent 4K video sources via 1×HDMI 2.0, 2×UVC USB, OR 1×IP streaming (RTMP).
- Recording Performance: Dual-channel 4K@30 simultaneous recording,
  OR single-channel 4K@30 + the system automatically manages the remaining 4 signals.
- 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 playl
- 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 cre
  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).

Application



Dimensions



Specification

unit: mm

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
	Audio	Line-in	1 × 3.5mm Audio Jack
		Line-out	1 × 3.5mm Audio Jack
		Type-C	1 × USB-C
	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
	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
		Protocols	RTMP
		Resolution	up to 3840 × 2160p@30
Power	PD Input	12V/3A	
Working Environment	Temperature	0℃~55℃	
	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
970-1000-01-5	agentZ

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