YUNBAO

Your AI Agent for Short Video Creation

As RGBlink's first end-to-end AI-powered hardware, YUNBAO 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, YUNBAO 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, YUNBAO not only streamlines content creation for creators, but also drives enterprise digital transformation by automating scenario-based workflows for content production and distribution.

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

Based on unified cloud storage architecture, YUNBAO 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.

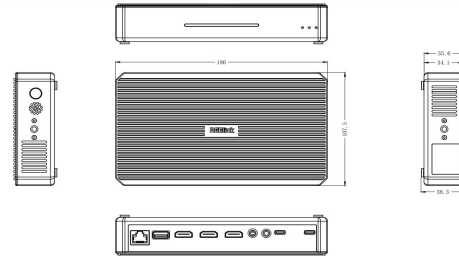| H.265/H.264/ NDI encoder | 4K@60Hz Input | HTTP/ SRT/ RTMP/ RTSP/NDI | TAO Cloud | PoE | Portable |

Key Features

- 4K input/output UHD capture display
- Hybrid cloud storage
- End-to-end military-grade file encryption
- Private media data center

Application

Dimensions

unit: mm

Specification

Version			Basic	Pro	Advanced	Enterprise	Flagship	Ultimate
Memory			128GB	128GB	128GB	128GB	128GB	128GB
Build-in Hard Drive			—	—	1TB	2TB	4TB	8TB
Stream Capacity			10GB	10GB	50GB	500TB	1TB	2TB
AI	AI Agent		1 × Agent	1 × Agent	1 × Agent	Multiple	Multiple	Multiple
	Sync Content Creation		—	—	—	√	√	√
	Distribution		4	4	4	8	8	30
Interface	Input	HDMI 2.0	1 × HDMI-A					
		Type-C	1 × USB-C (UVC Input)					
		USB 3.0	1 × USB-A (UVC Input)					
	Output	HDMI 2.0	1 × HDMI-A (LOOP)					
		HDMI 2.0	1 × HDMI-A					
		Type-C	1 × USB-C (UVC Output, for Pro version only)					
	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	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	DC 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
970-1000-01-0	Basic
970-1000-01-1	Advanced
970-1000-01-4	Enterprise
970-1000-01-2	Flagship
970-1000-01-3	Ultimate
970-1000-02-0	PRO (UVC Capture Output)