

Preliminary

RGBlink®



YUNBAO

Your First All-in-One 4K IoT treasure box

Introducing YUNBAO—the first All-In-One Solution for 4K Network Capture, Storage, and Collaboration. Built on a robust hardware platform, YUNBAO empowers UHD content creation, seamless data storage, and cloud-based collaboration like never before. Bridging content from its inception or centralizing assets scattered across locations has never been so simple and accessible. YUNBAO opens the door for anyone, anywhere, to become a content creator, every day.

But YUNBAO is far more than just a private graphic and video data bank. It's an advanced integration of edge hardware and cloud computing, forming a hybrid ecosystem that optimizes computational efficiency, minimizes latency, and scales effortlessly. YUNBAO focuses on preprocessing as a core function, capturing raw data, performing real-time synchronization, initial filtering, and aggregation, while ensuring only the most relevant insights are transmitted to the cloud or prepared for AI-driven processing.

This powerful combination of edge intelligence and cloud scalability redefines the content creation landscape. By uniting local performance with global adaptability, YUNBAO delivers faster, smarter, and more efficient solutions, setting a new benchmark for the industry. Whether you're a seasoned professional or a budding creator, YUNBAO is the ultimate tool to



H.265/H.264/  
NDI encoder



4K@60Hz Input



HTTP/ SRT/ RTMP/  
RTSP/NDI



TAO Cloud



PoE



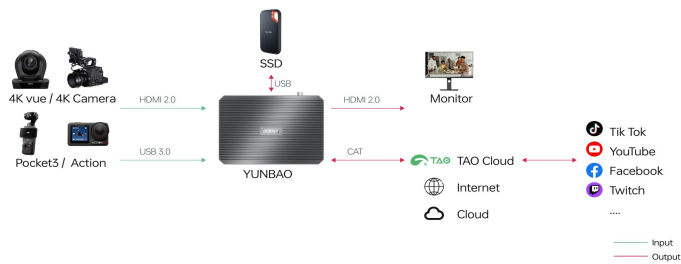
Portable

## Key Features

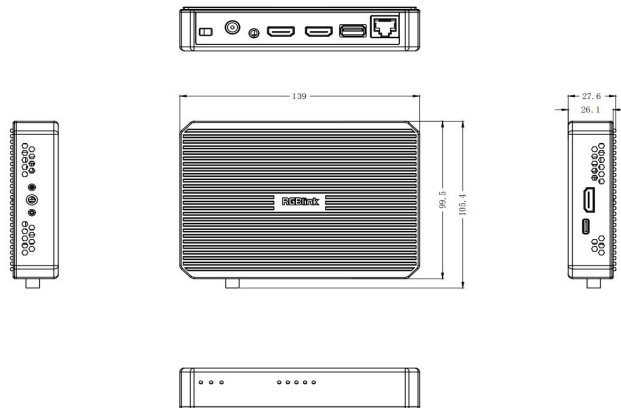
- Mini and convenient to carry
- H.265/H.264 high-performance encoding capability
- Input resolution up to 4K@60Hz
- HTTP/SRT/RTMP(s)/RTSP/NDI protocols supported

- Feature with one USB interface for recording
- PoE & DC 12V power supply
- TAO Cloud integrated control
- Low latency transmission

## Application



## Dimensions



unit: mm

## Specification

|                            |                         |                          |   |
|----------------------------|-------------------------|--------------------------|---|
| <b>Interface</b>           | Input                   | HDMI 2.0                 | 1 × HDMI-A  |
|                            |                         | UVC                      | 1 × type-C  |
|                            | Output                  | HDMI 2.0                 | 1 × HDMI-A (LOOP)   |
|                            |                         | HDMI 2.0                 | 1 × HDMI-A  |
|                            | Audio                   | Line-in                  | 1 × 3.5mm Audio Jack                                      |
|                            | Ethernet/Upgrade/Stream | LAN                      | 1 × RJ45  |
|                            | Storage                 | USB                      | 1 × USB-A   |
| Power                      | Power                   | 1 × DC Jack              |   |
| <b>Performance</b>         | Input Resolution        | HDMI 2.0                 | 3840 × 2160@30/50/60   720p@50   1920 × 1080p@24/30/50/60 |
|                            |                         | 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@30/50/60   720p@50   1920 × 1080p@24/30/50/60 |
|                            | Audio Input             | Audio Mixing             | YES   |
|                            |                         | Analog Audio Input       | LINE IN   |
|                            | 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    |   |
| <b>Power</b>               | DC Input                | 12V/2A                   |   |
| <b>Working Environment</b> | Temperature             | 0°C~55°C                 |   |
|                            | Humidity                | 5%~85%                   |   |
| <b>Physical</b>            | Net Dimension           | 139mm × 105.4mm × 27.6mm |   |

## Order Codes

| Product Code  | Item   |
|---------------|--------|
| 601-0325-05-1 | YUNBAO |

## Contact us

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