

# TANG 唐

## Portable 3\*4G Bonding Encoder



TANG 唐, 4G Encoder adopts advanced video processing technology (CPU + GPU), has complete cloud control function. It supports interactive applications (connected microphone, video conferencing, etc.). With H.264/H.265 encoding and 5.5-inch capacitive screen, TANG 唐, 4G Encoder comes with local operation and video preview, mobile phone operation, and truly provide broadcast quality.





## integrated design

Built-in data acquisition card, 4G\*3 module, WIFI, network module, touch screen, built-in rechargeable battery, earphone monitoring



## cloud control

Support remote control, mobile phone control, no need APP



## Multi-module

Adapt to various domestic 4G cards, support multi-card multiplexing bandwidth mode, Video and Wireless Backhaul at the same time. Provide cost-effective and easy-to-operate solutions for live broadcast



## Bonding service

Support multi-card aggregation service. Up to 6 cards can be aggregated;



## Multiple interface

SDI\HDMI (optional) input, the input signal supports self-adaptation, multi-bit rate and multi-resolution



## Multi-protocol/format output

Support RTMP/RTSP/HTTP/HLS/UDP/RTP, etc., SDI, HDMI, IP input, H.265 (optional) 720p/1080 HD



## Interactive function

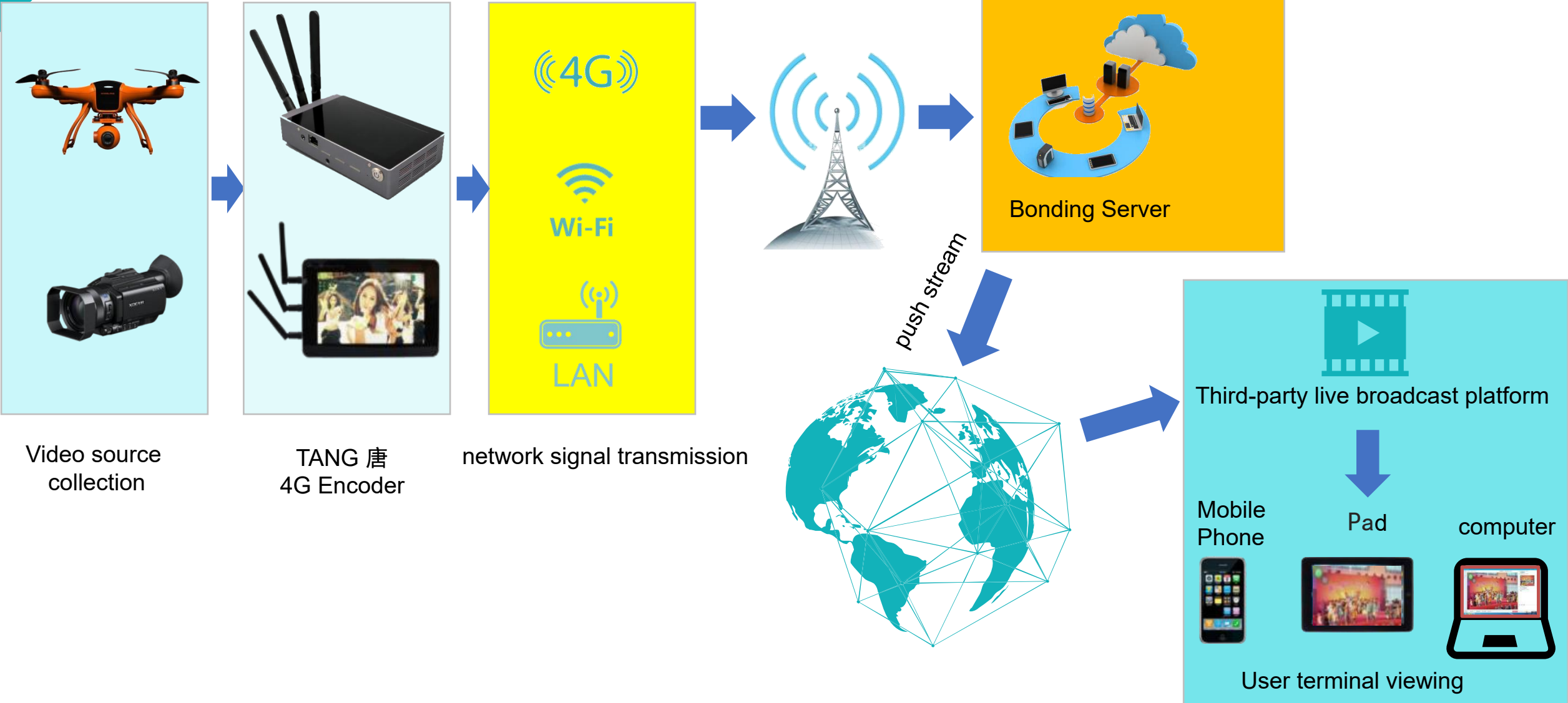
video conferencing, etc



Adopt industry-leading video compression optimization algorithm to achieve the best image compression quality



# network Schematic





# Configuration and Features

## input

- HDSDI/HDMI/ audio supports analog, digital SDI, HDMI embedded audio mode
- Network stream, local video, the user can flexibly choose the input interface method according to the actual application scenario

## output

- IP output;
- multi-screen output function, support a variety of terminals (iPhone, iPad, Android, etc.)
- multiple streaming media protocols: UDP, RTP, RTSP, RTMP, HTTP, HLS
- CBR, VBR, ABR
- adaptive multi-bit rate and other multi-format output
- For the same input program source, different resolutions, bit rates and package formats can be output separately
- GOP alignment



# Configuration and Features

## Video

### encoding format

- H264、H.265
- Aspect ratio: 4:3, 16:9, 1:1, auto mode
- Resolution: QCIF~HD multi-resolution
- Support automatic detection of scene switching
- video bit rate is adjustable from 100k to 20M
- B frame is adjustable
- Adjustable GOP interval
- Support image scaling
- CBR, VBR, ABR
- Frame rate adjustable
- Support for de-interleaving

## Audio

- Encoding format: AAC
- Support mono, dual channel, stereo
- audio bit rate is adjustable from 8kbps to 448kbps
- sampling rate is adjustable from 8KHZ to 48KHZ
- volume adjustable
- Support audio self-gain processing

# Configuration and Features

**Power :** 12V, 25W

**physical size:** 150x94x34mm

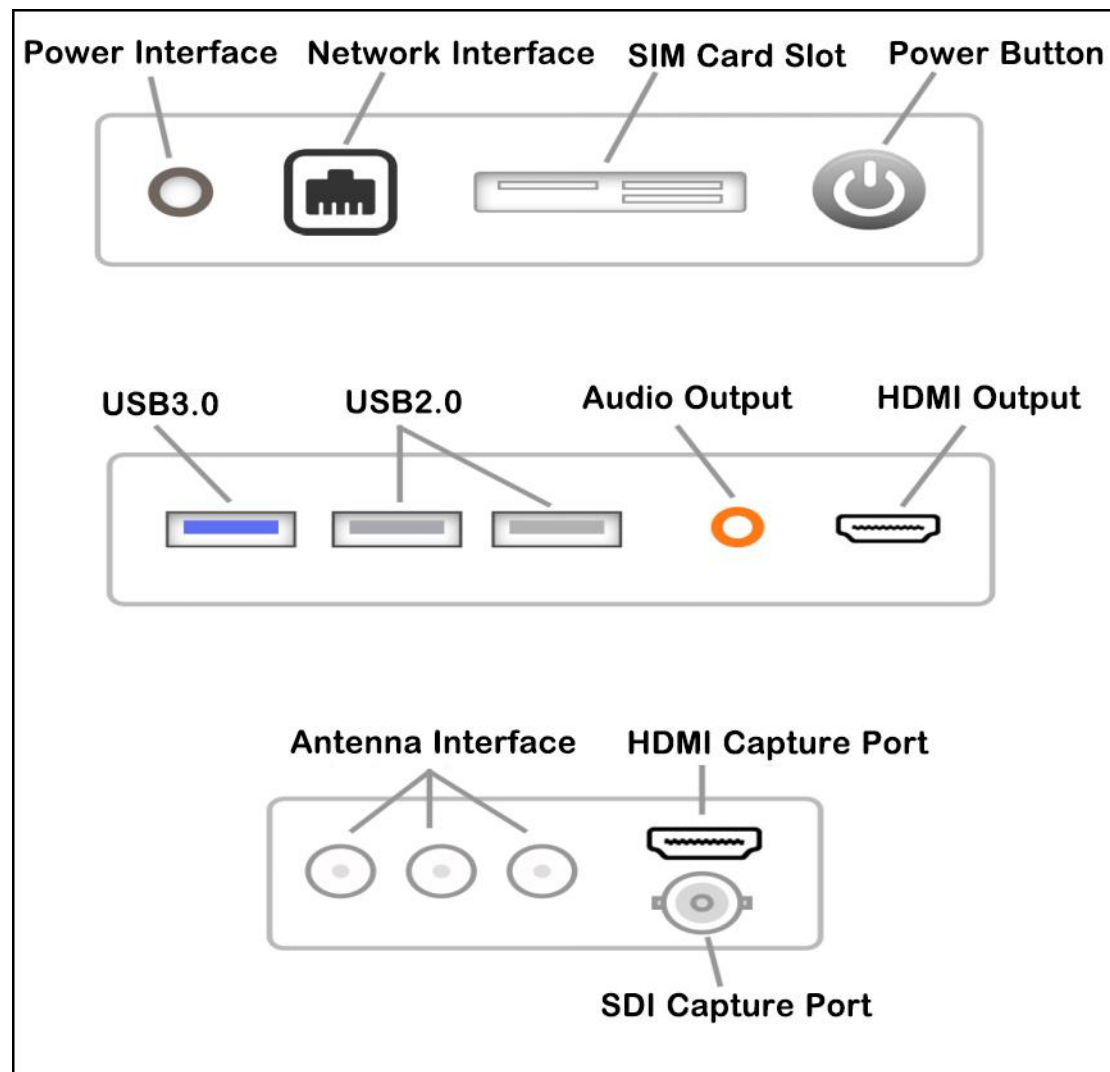
**weight:** 580g

**temperature:**  $-30^{\circ}\text{C} \sim 50^{\circ}\text{C}$

**humidity:**  $< 95\%$ , non-condensing

## System hardware interface configuration:

- SDI/HD-SDI interface; HDMI
- 100M/1000M adaptive LAN port, 3\*4G bonding, WIFI
- USB3.0/USB2.
- output monitor



# Operation management



cloud platform operation



Web browser-based system management, parameter configuration, user password setting, optional operation management interface in Chinese and English;



remote online upgrade, system log query, alarm information query, and time server synchronization settings;



Support import and export of system configuration



(TANG 唐 - Channel configuration)



(TANG 唐 - Video parameter configuration)





# Application

Video websites, telecom operators, mobile operators, radio and television operators; media, teaching, e-commerce, corporate meetings, etc.



Outdoor Interview Reports



Outdoor Sports Display



Recreational Sports



Large Ceremony





# Application



show training



meeting lecture



forum wedding



roadshow Community





# Thank you

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