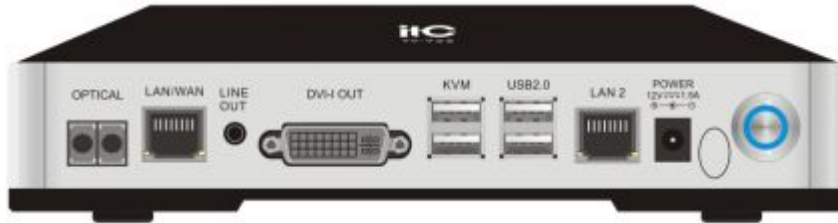


Distributed Signal Collection Box TV-732

Terminal Embedded Software V1.0 of Baolun

Distributed Integrated Management Platform



Description

With the industry's most advanced embedded video code processor, it can decode and display multiple channels of video with different resolutions. Support 16 channels of 2K video H265 decoding, splicing, overlay, roaming and other functions. Support multiple resolutions screen (LCD, LED, DLP), 1 DVI-I output, LineOut audio output. Support such central control, KVM and other functions.

Feature

- * Simple structure, light weight, small size. Support for flat laying, screw wall mounting, rope binding wall mounting.
- * The distributed architecture is adopted, and the failure of any node in the system will not affect the normal operation of other nodes.
- * Adopt ultra-low power design, the maximum power consumption is only 7W; There is no noise in fanless cooling system.
- * Adopt H.265 video coding technology. It is also compatible with H.264 video coding. Support HD video signal 1080P60 frame output.
- * Support scaling, cutting, splicing, overlaying, synchronizing and displaying the

decoded video. Support 1×1 , 2×2 , 3×3 and other layout methods, and supports manual customization of the number of rows and columns.

- * Support screen division function, single screen output video window can reach 16 channels, video effect can reach 1080P30 frames.

- * Support AAC-LC audio code.

- * Support automatic configuration recovery after power-off restart. So there is no need to worry about data loss.

It supports remote firm ware upgrade by system background, reducing the work intensity of maintenance personnel.

- * It comes with one key to reset the dynamic IP function.

- * Support 1-channel DVI-I video interface output, HDMI, DVI, VGA and other video interfaces; support 3.5mm audio output interface, HDMI audio output, support audiovisual synchronous or asynchronous transmission.

- * Support KVM seating management function. We can switch the KVM seating signal by calling out the signal management interface. A set of keyboard and mouse can be operated on multiple monitors, and the desktop environment is simple.

- * Support KVM function, support control computer, LED wall video window switching and other functions; support mouse roaming cross-screen function; support cross-platform operation, including Windows, Linux, Mac and other system platforms.

- * KVM seating management can realize real-time capture of information. Agents can capture any monitor or large screen information to the local display through a set of keyboard shortcuts and OSD menus. The information on the local monitor can also be graphical (Non-text) pushed to any monitor or large screen. Support KVM seating multi-screen mouse roaming function, KVM seating single screen multi-screen mouse roaming function.

- * Support subtitle function. The subtitle can be displayed above the video layer. We

can change font color, font size, position, etc.support icon function.

Support central control function, with 1 channel RS-232 interface, 1 channel RS-485 interface, 2 channel IO ports, 2 channel RELAY ports, infrared signal input and output signal ports,customizable programming configuration, and peripheral equipment Control, support work with computer, realize switch management.

- * Support the factory setting of the startup screen and display the local IP function .
- * Support pushing ultra HD basemap function to display wall or distributed nodes through management software or background web page, support 1: 1 lossless display.
- * USB interface: support USB mouse, keyboard to realize one terminal to remotely control all computer signal sources; support mouse sliding screen, signal push, signal capture, multi-screen and other functions
- * Support USB2.0 device transparent transmission function, USB peripherals such as U disk, Ukey, CA certification, mobile hard disk, mobile optical drive.
- * Support 1: 1 lossless display of ultra HD base maps. Support HD pictures when there is no signal.
- * Support scrolling subtitle OSD function, display functions such as text, pictures, scrolling subtitles, etc .; support setting the color and size of subtitles.
- * Support transparency overlay on text, pictures, etc.
- * Support fiber / network port dual link backup.

Specification

Model	TV-732
Resolution	1080P30 frame, 1080P60 frame
Codec capabilities	Support H.264 / H.265 video encoding, AAC-LC audio

	encoding
Video interface	1 × DVI-I
Audio port	1 × 3.5mm stereo audio output
USB interfaces	1 × USB (KVM interface), 1 × USB (transparent transmission)
Network port	2×RJ45, 10/100/1000Base-T;
LAN/WAN port	Support video and audio, control, KVM signal transmission, support POE function
LAN2 port	supports transparent transmission (USB data) function
OPTICAL fiber network interface	Single-mode dual-core LC-LC fiber
Serial ports	1 × RS-485, 1 × RS-232
Infrared	1 × IR IN, 1 × IR OUT
I / O ports	2 × I / O ports
Relay port	2 RELAY ports
Indicator lights	Running indicator, infrared signal input, infrared signal output indicator, power indicator
Power supply	DC 12V (power adapter)/ LAN port supports POE power supply
Maximum power consumption	7W
Ambient temperature	-10 °C ~ 45 °C (working state) -10 °C ~ 70 °C (non-working state)
Relative humidity	5% ~ 90% (working condition), no condensation
Weight	1kg
Dimensions(WxDxH)	222mm×117mm×40mm