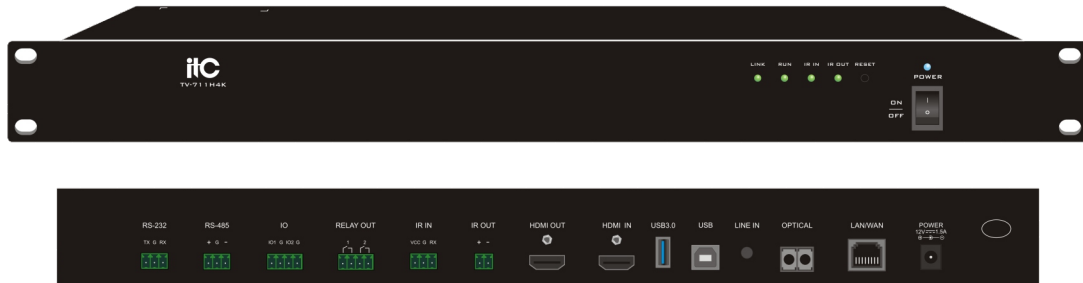




Signal Acquisition Box

Embedded software: Distributed Integrated Management Platform software V1.0
TV-711H4K



Description:

It adopts a high-performance multi-function ultra HD input box that can collect and encode audiovisual signals and send it to the output box through the network. It supports high-performance H.264 and H.265 video encoding, KVM and central control functions. The structure adopts rack mounted design.

Feature:

- * Adopt 1U rack fixed design, with beautiful and high-end appearance.
- * Adopt distributed architecture. When any node in the system fails, it will not affect the normal operation of other nodes.
- * Adopt ultra-low power consumption design. Support dual power supply of POE and adapter. The maximum power consumption is only 7W.
- * Adopt H.265 video coding technology to double the compression efficiency and save about 50% of bandwidth and storage; compatible with H.264 video coding.
- * Support fiber/network port double backup, ensure system stability, to meet the requirements of long distance transmission.
- * Support adaptive acquisition and video encoding of different resolution videos, ultra HD visual effects, realistic picture quality, resolution up to 4K.
- * Support power-off memory function to prevent data loss.
- * Through system background management, it supports remote firmware upgrade of the input box without space limitation to reducing the work intensity of maintenance staff.
- * The box comes with one-key reset function of the dynamic IP .
- * Support 1-channel HDMI video input and 1-channel 3.5mm stereo audio input. Support synchronous audio and video transmission. Equipped with local HDMI loopback output interface, it supports local audio and video lossless loopback without delay.
- * 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.
- * With dual stream transmission function, it supports the transmission of HD stream to video wall, and supports the operator to visually preview the input signal.
- * Support real-time preview and monitoring of input signals, which is easy to operate.
- * With central control function, support RS-232, RS-485, I/O port, infrared signal input and output, customizable configuration.
- * Support subtitle function for input source signal. We can change font color, font size, position, etc .; Support icon function.

Specification:

Model	TV-711H4K
Processing capacity	Maximum resolution is 3840 * 2160P30
Codec capabilities	Support H.264 / H.265 video encoding, AAC-LC audio encoding
Video interfaces	1 × HDMI IN, 1 × HDMI OUT
Audio interface	1 × 3.5mm stereo audio input
Audio input sensitivity	775mV
USB interfaces	1 × USB (KVM interface), 1 × USB3.0 (system upgrade)
Network port	1 × RJ45, 10/100 / 1000Base-T, support POE
Fiber interface	1 SFP + fiber interface
Serial port	1 × RS-485, 1 × RS-232
Infrared	1 × IR IN, 1 × IR OUT
I / O ports	2 × I / O port
Relay ports	2 × RELAY OUT
Indicator lights	Running indicator, infrared signal input, infrared signal output indicator, power indicator
Power supply	DC12V / POE
Maximum power consumption	7W
Ambient temperature	-10 °C ~ + 45 °C (working state), -10 °C ~ + 70 °C (non-working state)
Ambient humidity	5% ~ 90% (working condition), no condensation
Weight	2.62kg
Dimensions	484mm × 258.5mm × 43.4mm