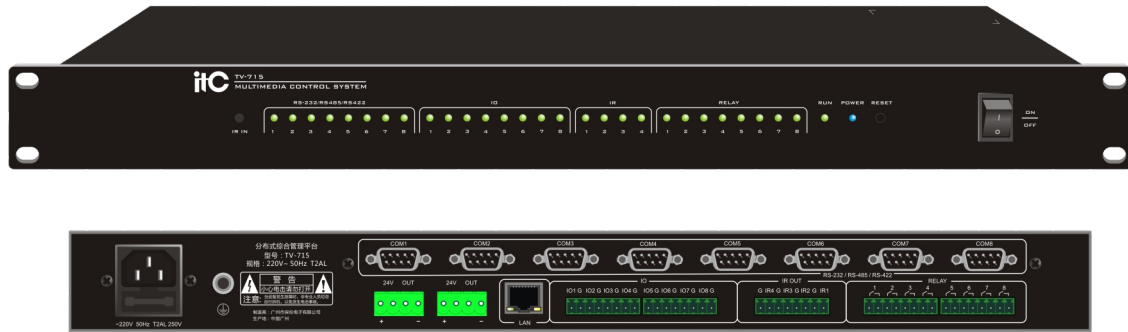# Splicing Controller

Embedded software: distributed central control software V2.0
TV-715

Description

It is a distributed central controller based on an embedded platform, which can realize intelligent network control. It is suitable for the unified intelligent control and exhibition of multiple conference rooms or multiple venues. With splicing system, it is suitable for command centers, lecture halls, exhibition halls, multi-functional hall and other places.

Feature

* Embedded with the latest 32-bit processor, it can reach up to 528MHz processing speed.
* With a 100Mbps standard RJ45 network port, it supports various local and remote control methods and further realize network control.
* It supports B/S architecture, PC and mobile of IOS, Android and other operating systems to control the distributed system.
* Support distributed architecture, and unlimited port extension according to demand.
* Support programmable control platform, interactive control structure, intelligent linkage between multiple devices.
* Support 8 independent programmable serial ports, RS232, RS485 and RS422 signal transmission in both directions.
* Support 4 independent programmable IR emission ports, adjustable emission power.
* Support intelligent IR learning function module. No need to configure professional learner.
* With 1 IR receiving port, it can support IR remote control learning.
* Support 8 programmable digital I/0 input and output control ports, protection circuit.
* Support 8 relay control ports to control electrical switches.
* Support 2 channels of 24V DC power supply for powering external equipment.
* It adopts embedded hardware architecture. It can run continuously 7×24 hours, stable and reliable.
* All-standard environmentally-friendly power supply (AC100V-240V). It can be used all over the world.

Specification:

Model	TV-715
Processor	32-bit Cortex-A7 ARM architecture microprocessor, clocked at up to 528MHZ
RAM	256M DDR3 RAM, 128MNAND Flash
Internet	One-channel RJ45 network port, 100Mbps.
Serial port	8-channel DB9, programmable
IR emission	4 IR emission ports, transmit carrier 38KHz, support up to 1.142MHz, 2 levels of emission power (high/low adjustable)
IR receiving	1 IR IN port, carrier 38KHz
Relay control port	8 channels, support AC 125V/1A or DC 30V/2A
I/O port	8 independent programmable, custom input/output control ports
DC power output	2 channels, 24V/1A
Packaging method	Metal cabinet, support rack installation
Power supply	AC100-240V, 50-60Hz
Power consumption	18W
Dimension (L×W×H)	484×255×45mm
Weight	3Kg