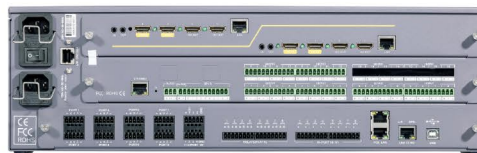


- ▶ 采用机架式3U箱体模块化设计，融合了音频模块、视频拼接切换模块、网络中控模块，及可扩展分布式KVM坐席协作模块功能。
- ▶ 采用双电源供电接口，确保设备能长时间稳定运行。
- ▶ 设备前面板带7寸触摸显示屏。
- ▶ 支持网络发码能够对网络设备进行控制支持TCP以及UDP协议。
- ▶ 软件同时支持C语言编程方式和模仿人类思维中文编程方式。
- ▶ 支持无线远程控制，软件兼容Windows及Android系统安装。
- ▶ Through the modular design of a rack type 3U box, the product integrates the audio module, video splicing switching module, network central control module, and expandable distributed KVM seat collaboration module.
- ▶ Dual power supply interface is adopted to ensure the long-term stable operation of the equipment.
- ▶ The front panel of the device is equipped with a 7-inch touch screen display.
- ▶ The network coding function is supported to control the network devices. At the same time, TCP and UDP protocols are supported.
- ▶ In software, both C language programming and Chinese language programming that mimics human thinking are supported.
- ▶ Wireless remote control is supported; Compatible with Windows and Android systems.



产品特性 Features

中控模块技术规格：

1. 前面板IR显示屏可以显示红外学习按钮信息，可储存99个。
2. 采用1GHz高速处理器，512M内存，512M Flash存储空间。
3. 具有8个RS232/RS485协议接口，8个弱继电器接口；8个红外IR接口；4个I/O接口，1个USB调试接口。
4. 网络接口：2个POE网络接口，1个主网络接口，支持TCP/UDP控制协议。
5. 具有灯光控台互动控制LAN DMX1024网络接口。
5. 内置Linux系统，开放telnet功能，支持通过IPV4和IPV6协议网络接口远程查看设备状态和调试，更改系统设置。

音频模块技术规格：

1. 具有12路平衡话筒/线路输入、12路平衡输出、1路RS232接口、1路RS485接口、1路USB接口（支持录音及播放功能）、1路网络控制接口（支持TCP/UDP控制协议）、8通道自定义输入输出GPIO可编程控制接口，可实现消防联动控制。
2. 内置反馈抑制器、噪声门、回声消除器(AEC)、自动混音器、路由器，输入通道具有100Hz低切、哑音、相位、幻像供电、粉红噪声、白噪声、正弦波发生器、压限器、31段图示均衡器、自动增益，输出通道具有：延时器、分频器、10段参量均衡器、限幅器等。
3. 支持99个场景预设，场景保存、场景加载、断电自动保护记忆功能。
4. 支持无线远程控制，设备内置网页控制功能，可以在Windows、Android、iOS等平台上操作，登录预置IP网页可以实现通道控制、场景调用、安装软件下载。
5. 24bit/48KHz 取样频率，高性能 A/D D/A 转换器和 32-bit 浮点 DSP 处理器。
6. 频率响应：20Hz-20kHz(±0.5dB)。
7. 动态范围：120 dB。
8. 幻象电源：+48V。

视频模块技术规格：

1. 具有超高清视频图像处理和分析、动态降噪、可视化分布式架构，可以通过平板电脑触控一体机等实现视频信号无缝切换，支持画面开窗、缩放、跨屏、叠加漫游。
2. 支持LCD/特定LED大屏幕控制拼接功能。
3. 具有4路HDMI视频输入接口。



4. 具有4路HDMI视频输出接口。
5. 具有2路RJ45网络接口。
6. 具有2路3.5音频输入接口，2路3.5音频输出接口。
7. 具有8个信号指示灯。

Technical specifications of the central control module:

1. The infrared learning button information can be displayed on the IR display screen of the front panel; Up to 99 infrared learning button information can be stored.
2. 1GHz high-speed processor, 512M memory, 512M Flash storage.
3. 8 RS232/RS485 protocol interfaces, 8 weak relay interfaces; 8 infrared IR interfaces; 4 I/O interfaces, 1 USB debugging interface.
4. Network interface: 2 POE network interfaces, 1 main network interface, TCP/UDP control protocol supported.
5. Interactive control LANDMX1024 network interface with lighting control function.
6. Built-in Linux system; Telnet function; The function of remotely viewing device status and debugging through IPV4 and IPV6 protocol network interfaces supported; System setting function.

Technical specifications for the audio module:

1. 12-channel balanced microphone/line input port, 12-channel balanced output port, 1-channel RS232 interface, 1-channel RS485 interface, 1-channel USB interface (supporting recording and playback functions), 1-channel network control interface (supporting TCP/UDP control protocol), 8-channel user-defined input/output GPIO programmable control interface, which can be used for fire linkage control.
2. Built-in feedback suppressor, noise gate, echo canceller (AEC), automatic mixer, router, input channel with 100Hz low cut, mute, phase, phantom power, pink noise, white noise, sine wave generator, voltage limiter, 31 segment graphic equalizer, automatic gain; The output channel includes a delay device, a frequency divider, a 10-segment parametric equalizer, and a limiter.
3. The functions of the preset, saving and loading of 99 scenes, as well as the memory function of automatic protection after power failure are supported.
4. Wireless remote control function; Built-in webpage control function, enabling devices to be operated on platforms such as Windows, Android, and iOS; The preset IP webpage in the login interface enables the functions of channel control, scenario call, and software installation of the device to be realized.
5. 24bit/48KHz sampling frequency, high-performance A/D D/A converter, and 32-bit floating point DSP processor.
6. Frequency response: 20Hz-20kHz ($\pm 0.5\text{dB}$).
7. Dynamic range: 120 dB.
8. Phantom power supply: +48V.

Technical specifications of the video module:

1. Processing and analysis of UltraHD video images; Dynamic noise reduction; The visual distributed architecture enables the seamless switching of the video signals from the devices through the tablet computer, computer and touch screen integrated machine; The windowing, zooming, cross screen, and overlay roaming functions of the screen are supported.
2. The control and splicing functions of LCD/specific LED large screen are supported.
3. 4-channel HDMI video input interface.
4. 4-channel HDMI video output interface;
5. 2-channel RJ45 network interface.
6. 2-channel 3.5 audio input interface; 2-channel 3.5 audio output interface.
7. 8 signal indicators.

参数规格 Specifications

产品功耗	30W-360W	Product power consumption	30W-360W
输入电源	110-230V AC	Input power supply	110-230V AC
工作温度	-10°C-85°C	Working temperature	-10°C-85°C
工作湿度	85%RH	Working humidity	85%RH
外形尺寸(W×H×D)	483mm*140mm*306mm	Overall dimension(W×H×D)	483mm*140mm*306mm

