

Distributed Processors

NPD Series

INTRODUCTION

NPD is a platform that integrates multiple functions for video and control integration. It provides the best solution for video network transmission and can meet the needs of various video applications. It can integrate controllable facilities into one and work collaboratively. And can achieve monitoring, management, and control through the same network.



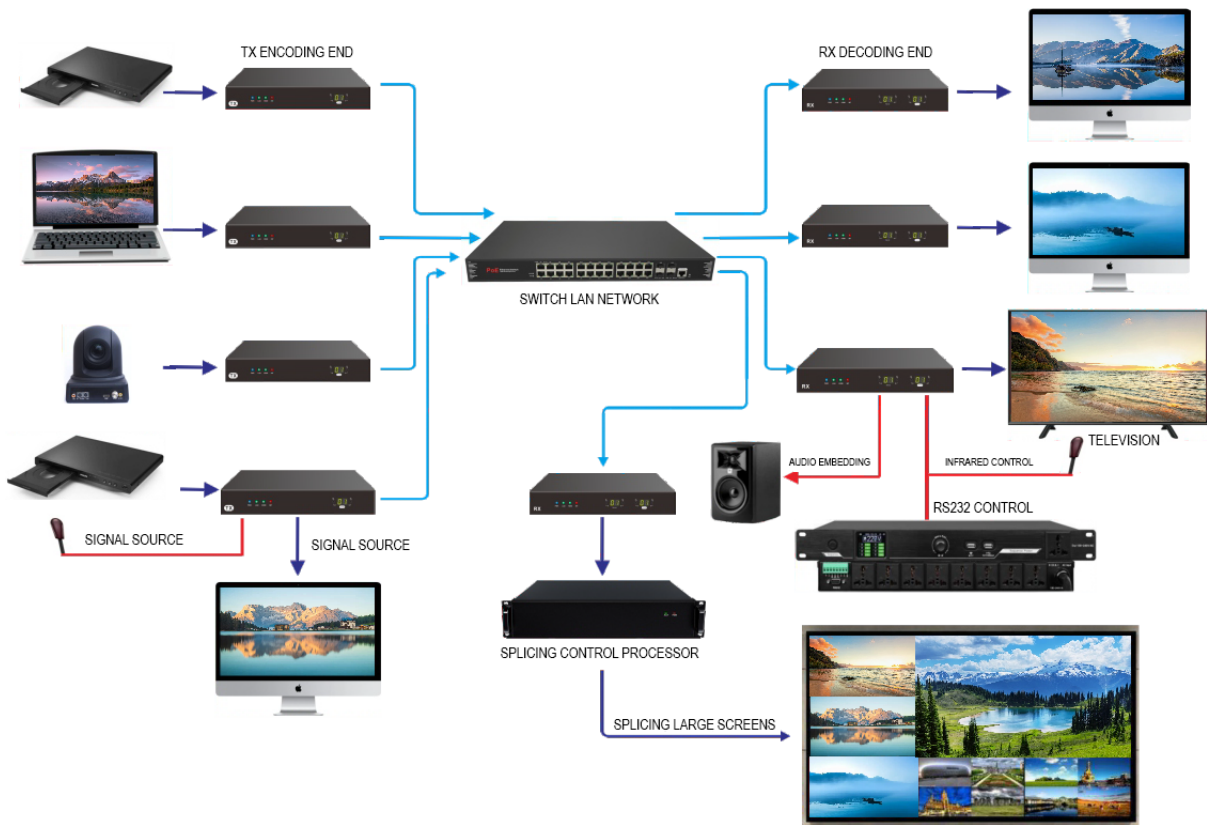
FEATURES

- Supports 4K access, providing an excellent and smooth picture quality experience.
- Input supports custom EDID for better compatibility.
- Low bandwidth and low latency long-distance IPX network transmission technology, supporting cross provincial and city transmission.
- Multiple audio and video scheduling control methods.
- Supports third-party device control and rich interface protocols.
- Output supports multiple output resolutions.



NPD Series

DIAGRAM



FEATURES



Easy to deploy

Existing Ethernet infrastructure can be utilized without the need for expensive



Easy to expand

100Mbps/100Mbps full compatibility
low bandwidth requirements



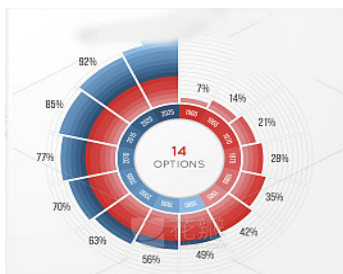
Easy to integrate

Open API interface enables integration into various higher-level systems



Easy to operate

With the ultimate simplicity operation, it can achieve To open any software, press the button to switch signals Source.



visualization

If you hold the input preview, what you do is what you get.



Plug and play

Deep customization for supporting Media IPX Switch, capable of plug and play for all devices

SPECIFICATIONS

Decoder(NPD-FHD-0)		
HDMI OUT Port	Signal Format	HDMI、DVI
	The Highest Resolution	Up To 1920x1080@60Hz Input
	Support Resolution	1920x1080p@60Hz, 1440x900P@60Hz, 1280x800P@60Hz, 1280x720P@60Hz.
Network	Connect Speed	100M
	IP Distribution	Set It Manually
	Decoding Algorithms	H.264、H.265
	The Number Of Windows Per Node	4 Windows
	Color Space	YUV
	Chromaticity Ampling	4:02:00
	Preview / Review	Support
Firmware Update	Support	
Control		
Control	Protocol	TCP/IP、UDP
	Software	CS, Supporting The API Control
Peripheral Control	Control Interface	RS232、IR、IO
Work Environment		
Temperature	0-50°	
Humidity	10-90%, No condensation	
Other		
Power Supply	DC 12V1A	
Power Dissipation	8w	
Material	Metal	
Size	220mm×145mm×35mm	
Net Weight	840g	

SPECIFICATIONS

Encoder (NPD-4K30-I)		
HDMI IN Port	Signal format	HDMI、DVI
	The highest resolution	Up to 1920x1080@60Hz input
	Support resolution	1920x1080@60Hz,1920x1080@30Hz; 720P@60Hz,720P@30Hz
HDMI Loop	Signal Format	HDMI
	Resolution	Consistent With Input
Network	Connect Speed	100M
	IP Distribution	Manual setting
	Encryption Algorithm	H.265
	Display Color	8bit
	Picture Quality Adjustment	Picture Quality Adjustment
	Universal RTSP flow	Support for a 1-Way Independent RtsP Stream
Other	Background	Support, Size Within 1M
	Preview / Review	Support
	Firmware Update	Support
Control		
Control	Protocol	TCP/IP、UDP
	Software	CS, supporting The API Control
Peripheral control	Control Interface	RS232、IR、IO
Work Environment		
Temperature	0-50°	
Humidity	10-90%, No Condensation	
Other		
Power supply	DC 12V1A	
Power dissipation	8w	
Material	Metal	
Size	220mm×145mm×35mm	
Net weight	830g	