

MSP 530

Quick Start



- HDCP 2.X
- Transfer uncompressed 4K HDMI signals up to 70m by CAT6 or above category cable
- Support 4K@60 4:4:4 Dolby Vision
- Support PoH / PoE
- Bi-directional IR
- Support KVM
- Zero latency

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PRODUCT INTRODUCTION

MSP530 HDMI Extender is composed of MSP 530 TX and MSP 530 RX. MSP530 supports resolutions up to 4K*2K@60Hz and 1080p@120Hz, and Dolby Vision format.

MSP530 Extender demonstrates RGBlink's features of HDBaseT technology application. It applies uncompressed digital method to ensure integrity of signal transmission. MSP 530 supports bi-directional IR control and KVM function. It also supports PoE power supply function.

MSP 530 System Connection

RGBlink offers solutions to demanding technical problem. Any application questions, or required further information, please contact with our customer Support Engineers.



System Connection Diagram

PACKING CONFIGURATION

Power Adapter×2



CAT 6 Cable



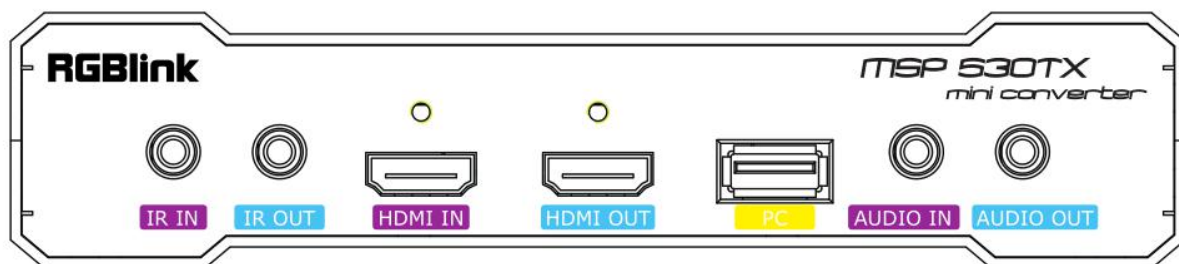
USB A-B Cable



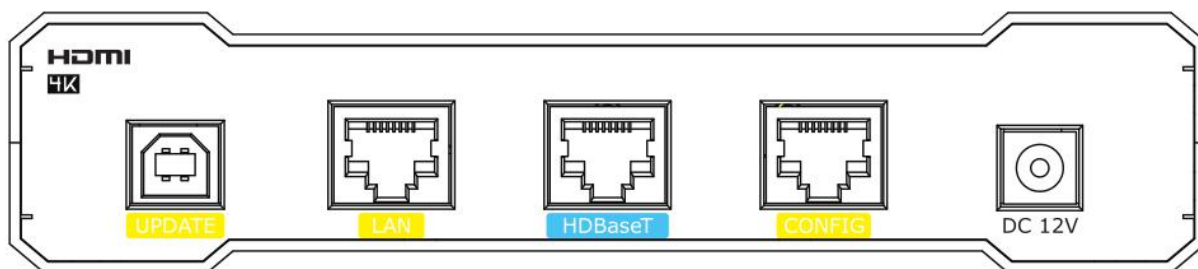
HARDWARE ORIENTATION











TX Connectors

Front Panel



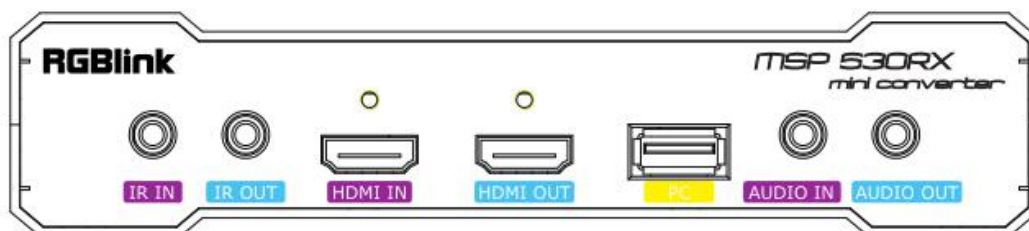
Rear Panel



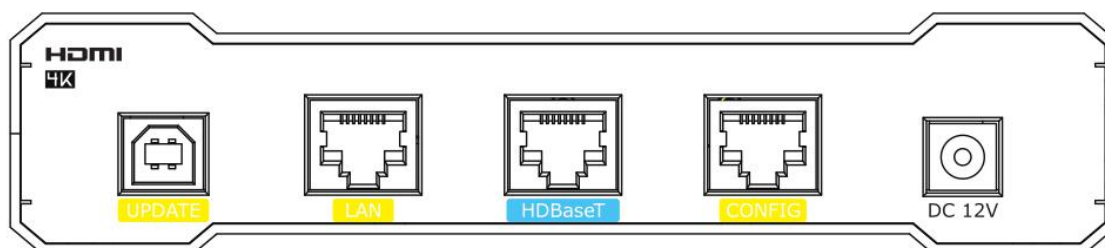
Connector	Description	Connector	Description
 IR IN	IR IN: 3.5mm jack,connect IR receiver	 UPDATE	UPDATE: USB-B,for upgrade
 IR OUT	IR OUT: 3.5mm jack,connect IR emitter	 LAN	LAN: RJ45,for upgrade
 HDMI IN	HDMI IN: HDMI-A	 HDBaseT	HDBaseT: RJ45,for signal output
 PC	PC: USB-A,connect PC or Server	 CONFIG	CONFIG: RJ45,for communication
 AUDIO IN	AUDIO IN: 3.5mm audio jack	 DC 12V	DC 12V: DC power jack











RX Connectors

Front Panel



Rear Panel



Connector	Description	Connector	Description
 IR IN	IR IN: 3.5mm jack,connect IR receiver	 UPDATE	UPDATE: USB-B,for upgrade
 IR OUT	IR OUT: 3.5mm jack,connect IR emitter	 LAN	LAN: RJ45,for upgrade
 HDMI OUT	HDMI OUT: HDMI-A	 HDBaseT	HDBaseT: RJ45,for signal output
 PC	PC: USB-A,connect PC or Server	 CONFIG	CONFIG: RJ45,for communication
 AUDIO OUT	AUDIO OUT: 3.5mm audio jack	 DC 12V	DC 12V: DC power jack

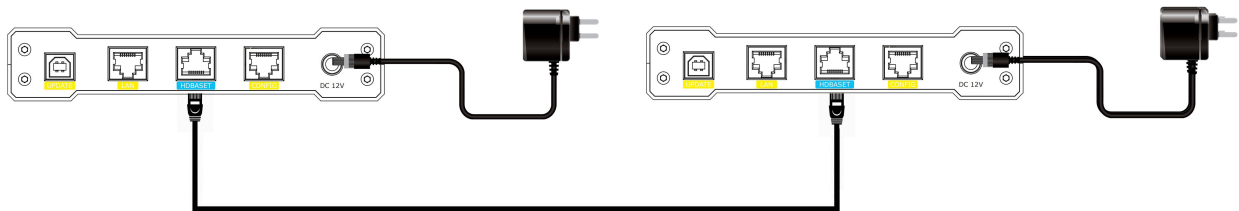
USE YOUR PRODUCT

Connection

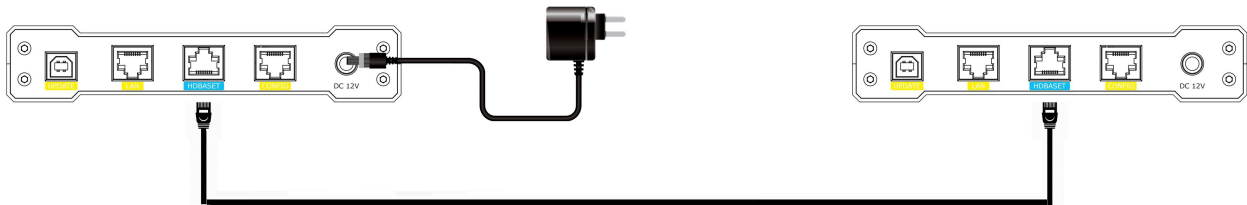
1. Supply power to TX and RX with standard DC 12V power adapter separately or supply power to TX only.

Since MSP 530 supports POE power supply, RX can be powered via CAT6 cable ,which connects TX and RX's HDBaseT connectors.

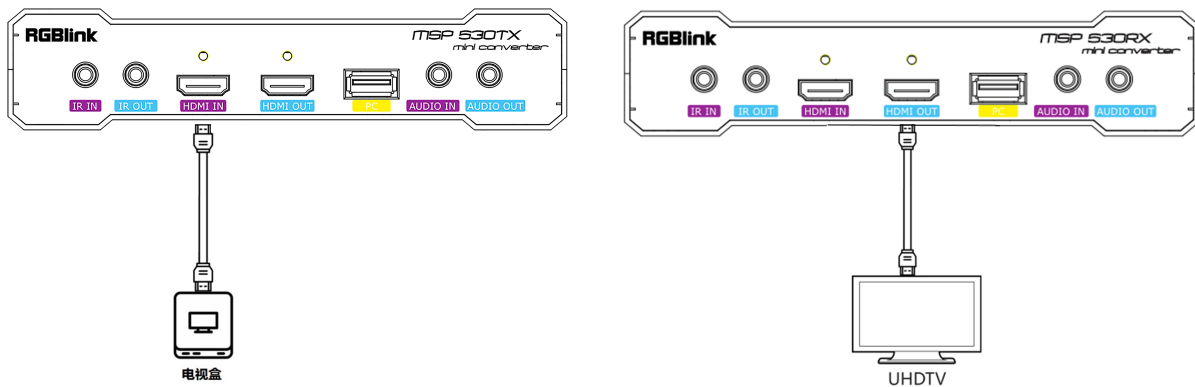
Power Supply 1



Power Supply 2



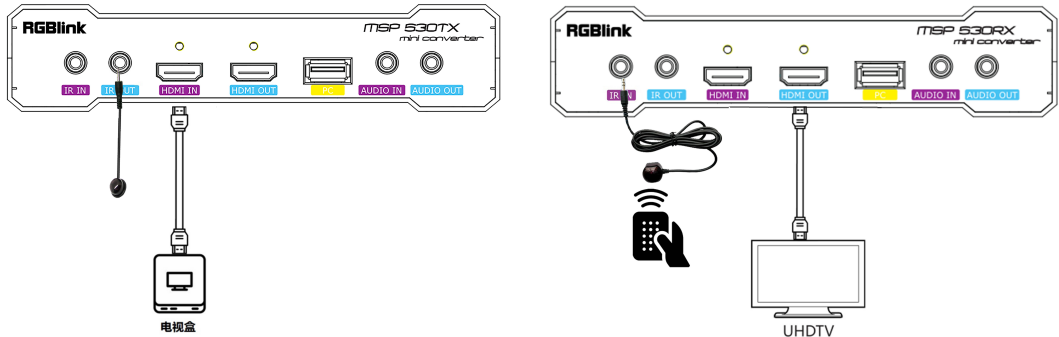
2. Connect TV box, PC to TX's HDMI IN port via HDMI cable, and connect TV/monitor/projector or video processing devices to RX's HDMI OUT port via HDMI cable.



3. MSP530 supports bi-directional IR control: IR IN connects IR receiver,IR OUT connects IR emitter.

IR controller at TX emits infrared signal to control devices at RX.

IR controller at RX emits infrared signal to control devices at TX.



4. MSP530 supports KVM.Connects TX’s USB-A port and HDMI port to computer,and connects RX’s USB-A port to mouse and keyboard,then the computer can be controlled remotely.

5. MSP530 supports audio In and out,you can connect TX’s AUDIO IN port to AV amplifier or DVD,and RX’s AUDIO OUT to speakers.

6. If computer at TX is not connected to the network,you can connect the router to RX’s CONFIG,and connect TX’s CONFIG to the computer,then the computer at TX can access to the network.

Transmission Distance

Resolution	Cable	Distance
4K2K@60	HDMI 2.0 premium cable	5m
4K2K@30	HDMI cable	10m
2K1K@60	HDMI cable	100m
4K2K@60	CAT6 cable	70m
4K2K@30	CAT6 cable	100m
2K1K@60	CAT6 cable	100m

CONTACT INFORMATION

Warranty:

All video products are designed and tested to the highest quality standard and backed by full 3 years parts and labor warranty. Warranties are effective upon delivery date to customer and are non-transferable. RGBlink warranties are only valid to the original purchase/owner. Warranty related repairs include parts and labor, but do not include faults resulting from user negligence, special modification, lighting strikes, abuse(drop/crush), and/or other unusual damages.

The customer shall pay shipping charges when unit is returned for repair.

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