

PX24504

DMX RGBW Decoder

Product Features

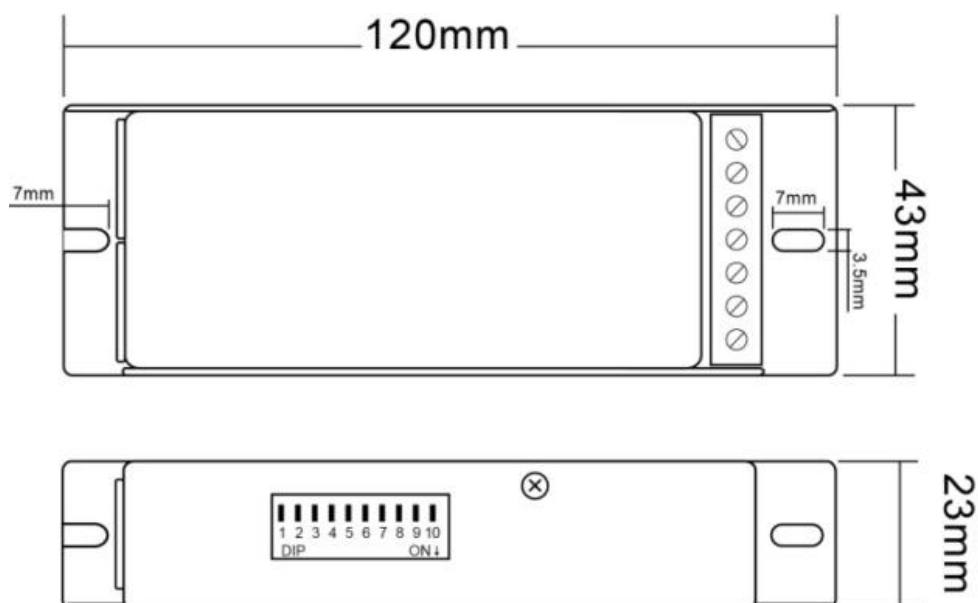
- Designed to comply with DMX512/1990
- DMX address can be set manually via dip-switch
- Constant voltage output and the maximum current of 5A /ch
- European terminals for input/output ports&
Plug-in Terminals for DMX signal ports
- 256 grade brightness adjustment



Technical Data

Model		PX24504
Output	Channels	1-4
	Voltage	12-24VDC
	Current	5A/ch
	Power	240W(12V)/480W(24V)
Input	Voltage	12-24VDC
	Standby loss	<1W
Others	Dimension	120*42*23mm
	Packing size	123*45*27mm
	G.W.	150g
	Operational temperature	-20-50℃
	Relative humidity	20%-90%RH

Dimension



Interface Description



- (1) DMX input & output interface
- (2) Address setting interface
- (3) Power input interface
- (4) Output interface

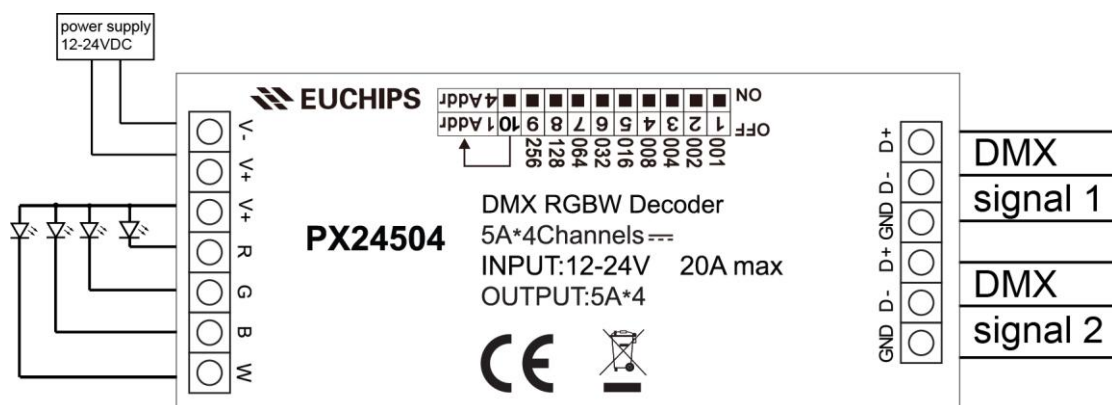
DIP Switch Setting

	DIP1	DIP2	DIP3	DIP4	DIP5	DIP6	DIP7	DIP8	DIP9	DIP10
OFF	0	0	0	0	0	0	0	0	0	1Addr
ON	1	2	4	8	16	32	64	128	256	4Addr

DIP1~9: Setting the first DMX address of device, the sum of number showed in the table above is the first DMX address of device.

DIP10 is used to select the address mode. "OFF" means that 4channels share one address. "ON" means each channel takes up a DMX address.

Wiring Diagram



- 1)The wire for DMX is STP, the DMX signal has positive and negative signal. Pay attention to the polarity while soldering. Connect the positive signal, negative signal and GND to the corresponding signal of device.
- 2)Refer to "DMX Series of address dial code table" to set DMX Address by dip-switch.
- 3)Connect a signal terminal at the end of the whole connection.

Note: This decoder can also be used as a 3 channel RGB decoder. When used as a RGB decoder, and DIP10 dial to "OFF", the decoder takes up 3 DMX addresses.

PX24504

DMX RGBW 解码器

产品特点

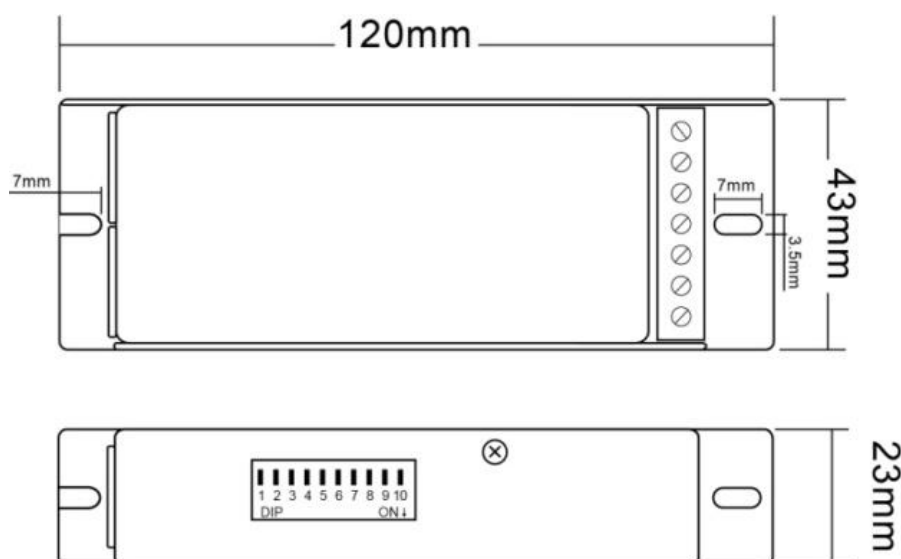
- 符合 DMX512/1990 国际标准协议
- 通过拨码开关设置 DMX 地址
- 恒压输出，每通道的最大输出电流为 5A
- 256 等级亮度调节
- 输入/输出接口为欧式端子，DMX信号端为插拔式端子



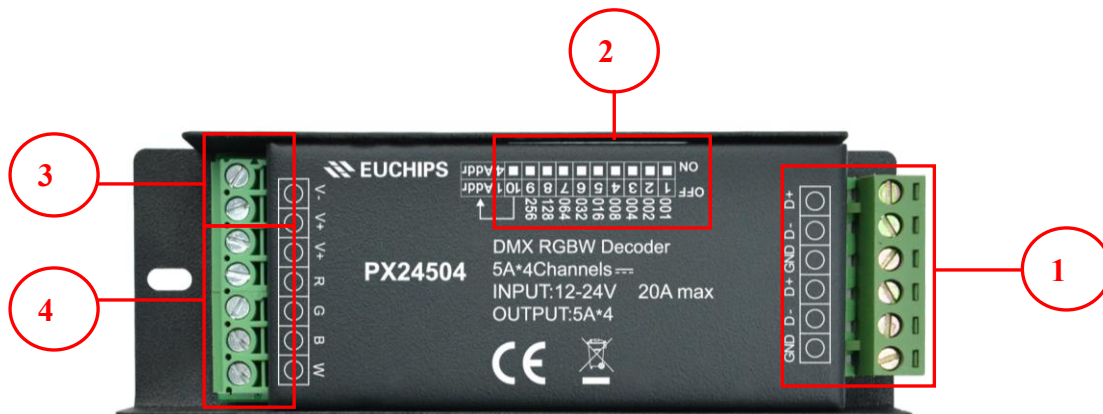
技术参数

型号		PX24504
输出	通道数	1-4
	电压	12-24VDC
	电流	5A/通道
	功率	240W (12V) / 480W (24V)
输入	电压	12-24VDC
	空载损耗	< 1W
其它	产品尺寸	120*42*23mm
	包装尺寸	123*45*27mm
	毛重	150g
	工作温度	-20-50℃
	湿度	20%-90%RH

外观尺寸



接口说明



- (1) DMX 信号输入/输出接口
- (2) 拨码开关
- (3) 电源输入接口
- (4) 输出接口

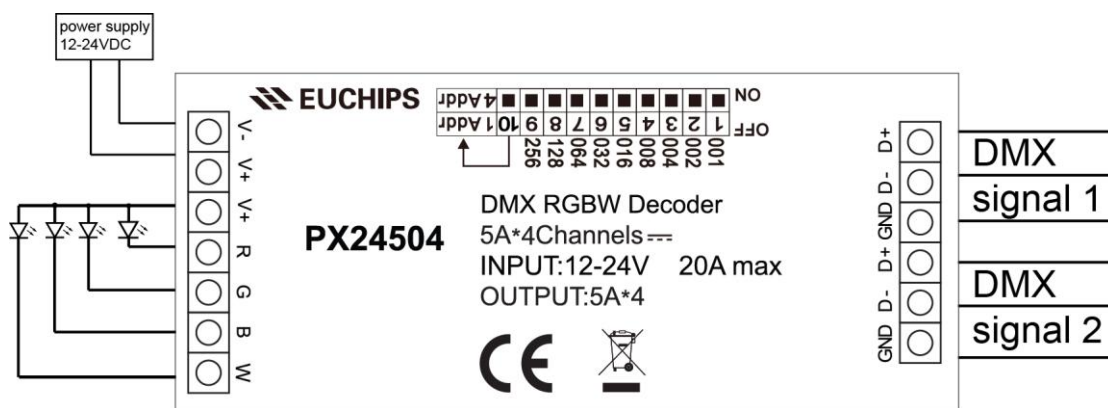
拨码开关配置

	DIP1	DIP2	DIP3	DIP4	DIP5	DIP6	DIP7	DIP8	DIP9	DIP10
OFF	0	0	0	0	0	0	0	0	0	1Addr
ON	1	2	4	8	16	32	64	128	256	4Addr

DIP1~9: 设置DMX解码器的第一个通道的地址，拨码开关对应表格显示的数字总和就是DMX解码器的第一通道地址。

DIP10用于设置地址模式，在“ON”位置为4通道共用一个地址，在“OFF”位置为4通道各占用一个地址。

接线图



- 1) DMX接线为直连式，DMX信号有正信号和负信号。接线时，要注意极性。将正信号，负信号和接地信号连接到设备相对应的接口。
- 2) 参阅“DMX系列地址拨码表”，通过拨码开关来设置DMX地址。
- 3) 整个接线的尾部最后需接信号终结器。

备注：这款解码器也可以用作3通道RGB解码器。当用作RGB解码器，且DIP10拨到“OFF”时，解码器占用3个DMX地址。