

4-Channel SPI Signal Amplifier & Receiver

Model No.: SPI-PA+

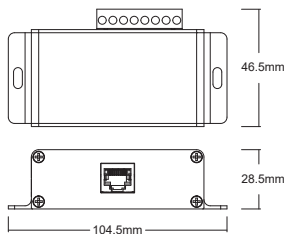
Product Feature

- Every amplifier can transmit SPI signal to 4 channel at the same time and
- 4-channel parallel transmission with independent signal amplification
- Enables long-distance signal transmission via standard network cables, ensuring stable performance without frame loss
- Maximum transmission distance up to 100 meters
- Compatible with all mainstream SPI LED controllers on the market

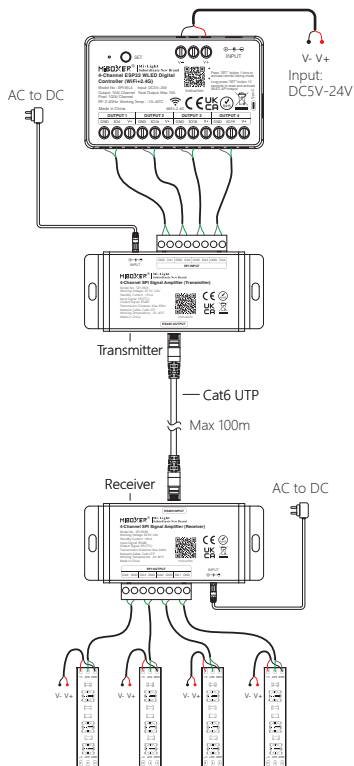


Product Parameter

Product Name:	4-Channel SPI Signal Amplifier & Receiver	IP Rating:	IP20
Model:	SPI-PA+	Working Temperature:	-10~40°C
Operating Voltage:	DC 5V-24V	EMC Standard (EMC):	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Input Signal:	4-Channel SPI (TTL)	Safety Standard (LVD):	EN 62368-1; 2020+A11;2020
Output Signal:	4-Channel SPI (TTL)	Radio Equipment (RED):	ETSI EN 300 440 V2.2.1
Type:	RS485	Certification:	CE, EMC, LVD, RED
Network Cable:	Cat6a (Purchased Separately)		



Connection Diagram



4-Channel ESP32 LED Controller & SPI LED Strip
(Purchased separately)

Attention

1. Please turn off power supply before installation.
2. Please ensure input voltage to be same as requirements from device.
3. Don't disassemble device if you are not expert, otherwise it will damage it.
4. Please do not use the light in the place with widely range metal area or strong electromagnetic wave nearby, otherwise, the remote distance will be seriously affected.



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