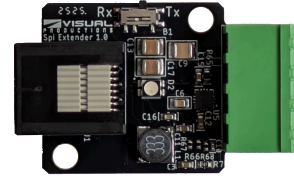


# SpiExtender Quick start

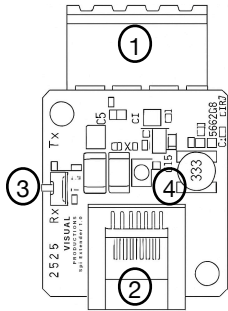


The SpiExtender is a small module that will allow you to send your SPI protocol signal up to 250m (820ft) via a standard Cat5 network cable.

It is designed to be plug and play with the Visual Productions SpiNode, but it can be used with any SPI compatible controller on the market.

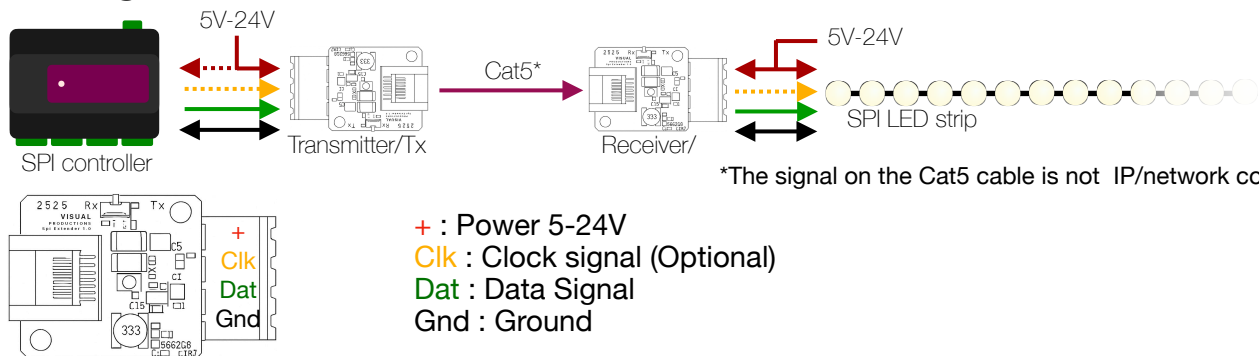
One pair of SpiExtender is required per SPI signal path.

## Presentation



- Compatible with clocked and unclocked SPI protocols
  - Up to 250m (820ft)
  - Power supply 5-24V
- ① SPI signal input or output
  - ② Long range signal input or output
  - ③ Transmitter=Tx/receiver=Rx mode selection switch
  - ④ Status LED indicator

## Wiring



## Switch

Set the mode of the SpiExtender using the side switch.

- Tx: SpiExtender is connected to the controller
- Rx: SpiExtender is connected to the LED strip

## Led Indicator

- Transmitter/Tx mode: no data
- Receiver/Rx mode: no data
- Transmitter/Tx mode: transmitting data
- Receiver/Rx mode: receiving data

Note: When using a clocked signal, the SpiExtender indicator will show signal detected only when a minimum of 5 pixels are ON.

## Installation

The SpiExtender has two 4,2mm (1,65")holes for an easy mount on any support.

In the case of an installation on a metal support, use isolated spacers to avoid shortcuts on the underneath pins.

