

Notes on setting up the LAN UDP RF433 transmitter with one or more RF433 relay controllers

Requirements

Our driver communicates with the [LAN UDP to RF433MHz Wireless Transmitter Module](#) device. You must have the Wireless Transmitter Module as it communicates with the [RF433 Relay Controller - Eight Channel](#) devices.

By default this device is set to a static IP address of **192.168.1.199:80**.













You will need to change this to a static IP address that is not in use on your network.

[Official Documentation](#)

Helpful Information

- The maximum range of the RF433MHz Transmitter is 350m (1148ft) in open space.
- In our testing, we found that you can change the ID of the RF433 Relay boards, using the dip switches and the change is instant.
We didn't need to power cycle the board.
- If you have two RF433 Relay boards, it is possible to set the dip switches on the second board to the same ID as the first board. This will result in both boards responding to the same commands.
- To set the *channel* of the RF433 Relay board, you need to set the dip switches that are located on the RF433 Relay board to an **unused** ID.
Looking at the dip switches on the device with the power connector to the left, the dip

switches are as follows:

ID Table				
	ID1	ID2	ID3	ID4
ON				
	ID5	ID6	ID7	ID8
ON				
	ID9	ID10	ID11	ID12
ON				
	ID13	ID14	ID15	PIN SET
ON	