RN-XV-RD2 Reference Design for the RNXV Module Series
Part Number: RN-XV-RD2

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The RN-XV-RD2 is a dual relay I/O reference design that demonstrates the RN171XV series of Wi-Fi modules. This convenient reference design includes a USB cable that connects directly from the board to a PC for programming the module over the UART. The board has 2 relays capable of switching up to 240 volts and multiple push buttons for reset, ad hoc/WPS mode, and AP mode. Also includes status LEDs and jumpers for quickly and easily evaluating the RN171XV series of modules.

Features | Package Contents

- Reference design for evaluating the RN171XV 802.11 b/g Wi-Fi module

- Kit includes a standard USB cable that connects directly from the board to a PC for programming the module over the UART

- Contains 2 10-amp relays capable of switching up to 240V

- Built in temperature sensor

- External temperature probe connector

- 3 status LEDs that mimic the LEDs on the RN171XV module

- 4 pushbutton switches and jumpers to simplify development

- 10 GPIO pins accessible via the 3.3V headers

- Voltage regulator

- Supports several RN171XV antenna options: Wire, SMA connector, U.FL connector

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AppNotes	Last Updated	Size	
Wi-Fi Protected Setup (WPS) - App Note	11/11/2013 5:12:58 PM	334KB	
Documents	Last Updated	Size	
RN171XV Data Sheet	4/8/2015 11:36:09 AM	916KB	
RNXV Dual Relay Evaluation Board User's Guide	12/16/2013 4:26:17 PM	2MB	
RNXV Bluetooth®/Wi-Fi® Modules Sell Sheet	10/3/2013 3:12:34 PM	1MB	