

2156-X1/X2 Description/Spec Sheet



(Note: model pic is of the prototype receiver/coordinator, and is not the final version)

The model 2156-X1/X2 is an add-on device for the model 2156. It adds short-range wireless remote monitoring capability. It consists of two parts: the transmitter/router, which is retrofit into the model 2156, and the receiver/coordinator, which is contained in a small (4.9"W x 2.6"H x 1.6"D) enclosure that can be mounted on a wall in the monitoring area. The LEDs and alarm buzzer perform the same function as the LEDs and alarm buzzer on the model 2156/2166.

Power Supply: 12VDC Adapter (Included)

Transmit Power: X1: 1mW; X2: 6mW

Frequency Band: 2.4 GHz

Interference Immunity: DSSS (Direct Spectrum Spread Sequence)

Indoor/Urban Range:

X1: about 100 ft, X2: about 300 ft (according to Digi International Spec Sheet)

LEDs: Power (Green), Low Alarm (amber), High Alarm (red)

Audible alarm with on/off/low-alarm-disable switch

Note: other versions (X3, X4 etc.) are to be developed, adding more range, LED meter display, and WiFi.

The X1 is the most basic version and the shortest range (uses the XBee Series 1 radio).

The X2 uses the XBee Pro S1 radio.