

263EXT CELLULAR EXTENSION MODULES

Installation Guide

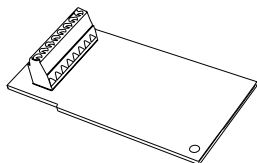


Figure 1: 263EXT Panel Module

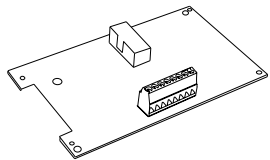


Figure 2: 263EXT Remote Module

DESCRIPTION

With the 263EXT Cellular Extension Modules, you can now maintain dB signal over greater distances. The 263EXT comes with two modules. The panel module (see Figure 1) installs directly on the panel inside the enclosure while the remote module (see Figure 2) installs with the cell modem at the remote location that provides the best signal.

The modules communicate with each other through a wired connection, maintaining dB signal even from higher or lower locations. Use CAT5 wire with T568B Wiring to connect the two modules. If using anything other than CAT5 wire, it should be 22 AWG shielded wire with the shield connected to the ground terminal on both the panel side module and the remote side module. The 263EXT has a reach of up to 300 feet.

Compatibility

The 263EXT is compatible with panels that have a 12-pin cell module header, such as the following panels:

- XT30/XT50 Series panels
- XR150/XR550 Series panels

What is Included

- 263EXT Panel Module
- 263EXT Remote Module



1 INSTALL THE PANEL MODULE

Caution: Touch grounded metal to discharge static before handling the panel.

1. Open the panel enclosure and remove all power from the panel.
2. Insert the standoff provided with the cell modem into the XT30/XT50 or XR150/XR550 Series panel standoff hole.
3. Align the 263EXT standoff hole with the standoff already placed in the panel. Secure the 263EXT on the 12-pin cell module header. See Figures 3 and 4.
4. Place the module on the panel.

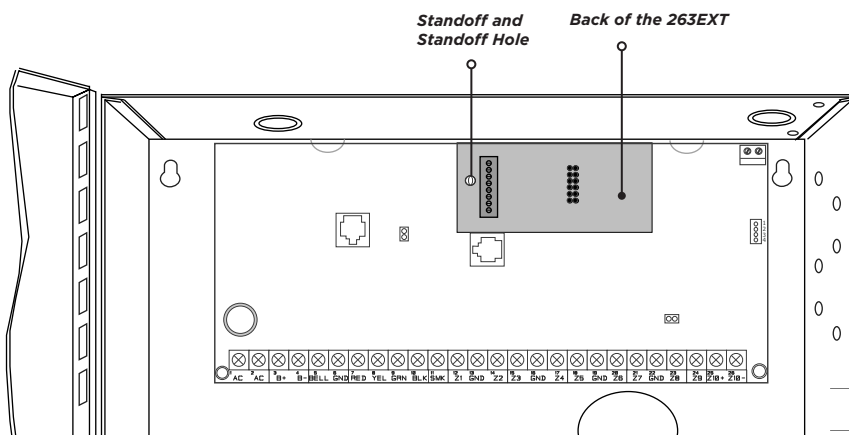


Figure 3: 263EXT Panel Module on an XT30/XT50 Panel

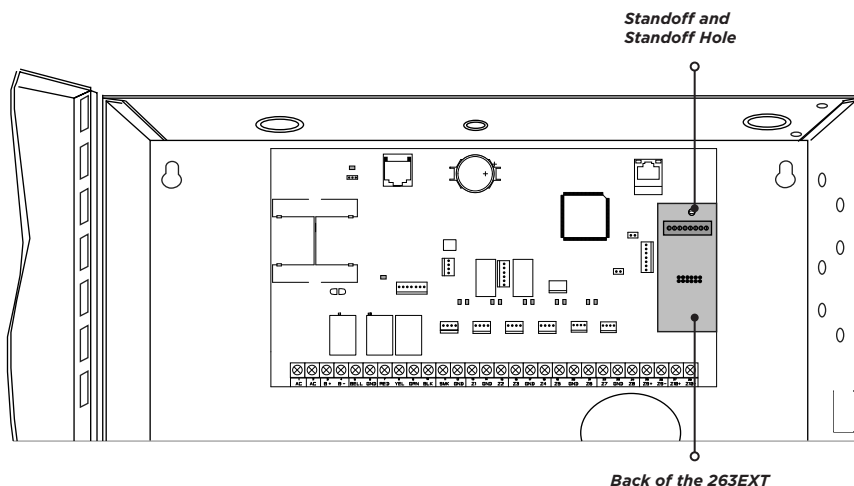


Figure 4: 263EXT Panel Module on an XR150/XR550 Panel

2 MOUNT THE REMOTE MODULE

Mount the remote module on a flat surface.

1. Remove the circuit board from the plastic housing by loosening the clips on one side and gently lifting it out of the housing base.
2. Use the included screws in the desired mounting hole locations to attach the remote module to the surface. See the shaded mounting hole locations in Figure 5.
3. Reinstall the circuit board in the housing base.

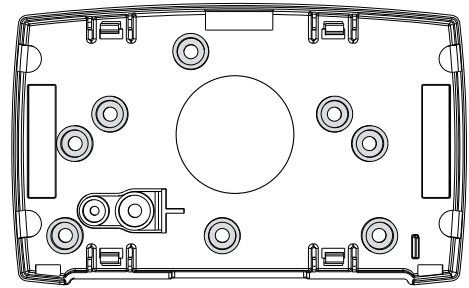


Figure 5: Mounting Hole Locations

3 INSTALL THE REMOTE MODULE

1. Install the cellular communicator on the cell module header.
2. Place the cellular antenna onto the SMA connector, then twist the antenna until it is securely tightened on to the remote module. See Figure 6.

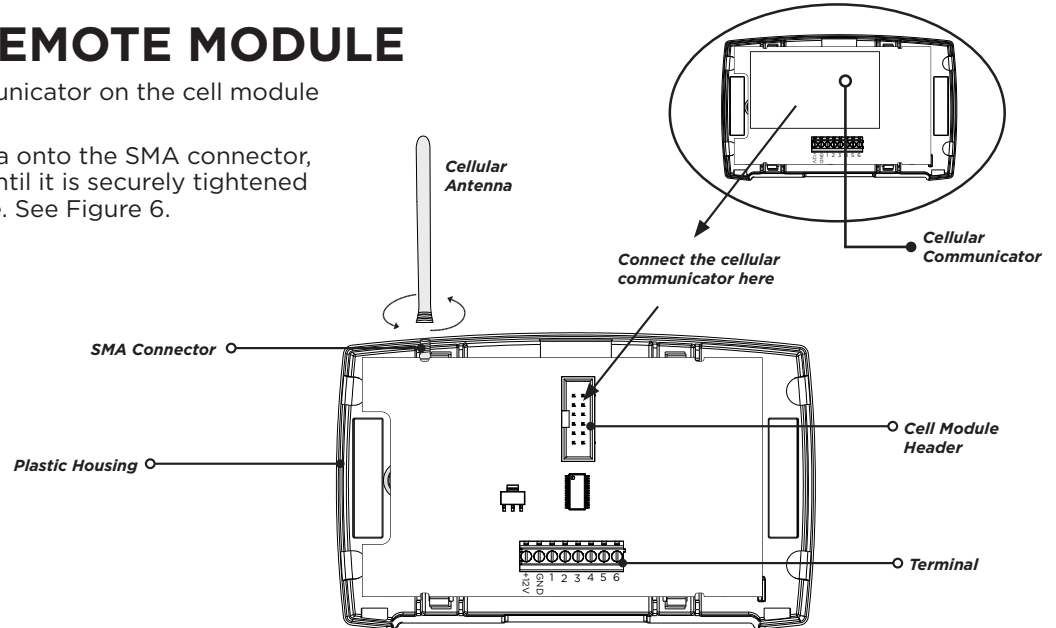


Figure 6: Connecting the Cellular Antenna

4 CONNECT THE CABLE

You can use either a CAT5 cable or two shielded 22/4 cables for this installation. This guide uses a CAT5 cable. If using shielded 22/4, you must connect the shield to the ground on each end.

The remote module can be installed up to 300 feet away from the control panel.

1. Connect one end of the CAT5 cable to the terminal on the panel module. See Figure 7. Caution: Observe polarity and make sure wires are installed straight through.
2. Connect the other end of the CAT5 cable to the terminal on the remote module. See Figure 8.
3. Apply power to the system to turn it back on.

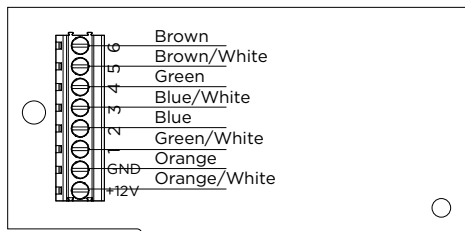


Figure 7: CAT5 Cable on 263EXT Panel Module

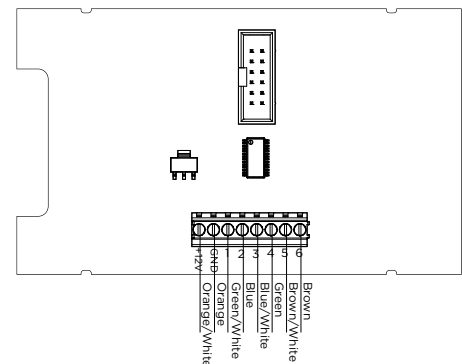


Figure 8: CAT5 Cable on 263EXT Remote Module



Designed, engineered,
and manufactured in
Springfield, Missouri using U.S.
and global components.

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