



Excellence in Compliance Testing

Certification Exhibit

FCC ID: RAB-IM711-200

FCC Rule Part: 15.247

ACS Project Number: 13-0413

Manufacturer: Comverge Inc.
Model: DirectLink WiFi

Manual

IntelliMODULE Wi-Fi User Guide

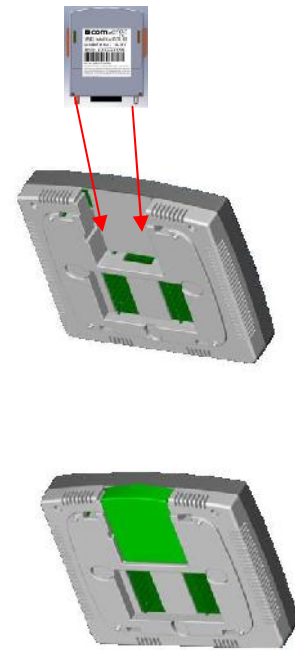
NOTE: Before you can install and configure your IntelliMODULE Wi-Fi module, follow the thermostat installation guide to complete the wiring and installation of your thermostat. Once you have finished the thermostat installation you are then ready to configure your IntelliMODULE Wi-Fi as described in the following instructions.

If installed in a host device such that the FCC ID of the module is not visible or end users do not have straightforward commonly used methods for access to remove the module so that the FCC ID of the module is visible, the host device must be labeled as follows: Contains FCC ID: RAB-IM711-200.

STEP 1: INSTALL IntelliMODULE

The IntelliMODULE Wi-Fi is a pluggable radio module that can be easily plugged into and removed from a compatible device. In this example, the IntelliMODULE is being plugged into a compatible thermostat chassis.

Before plugging the IntelliMODULE into a compatible device, ensure that power is turned OFF to the device. Once power is OFF to the device, slide the IntelliMODULE into the corresponding module slot on the device. The IntelliMODULE is designed with two “wings” on plastic case that should align with slots in the accepting device. Ensure the wings are lined up with the slots as you start to install the module. In this example, the wings on the module (shown in orange) would line up with the green slots at the top of the module slot of the device. Gently insert the module into the slot until it is firmly seated in the module slot.

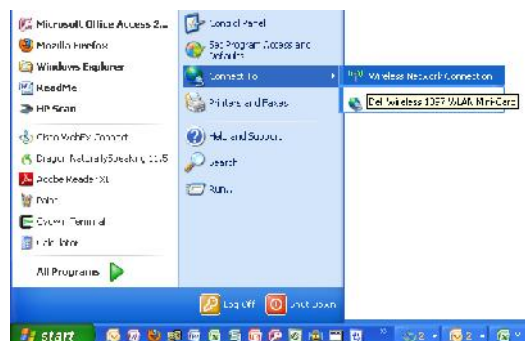


WARNING: DO NOT PUSH WITH EXCESSIVE PRESSURE IF THE MODULE DOES NOT SEAT CORRECTLY AS DAMAGE COULD OCCUR TO BOTH DEVICES.

Once the module is seated in the module slot, the power can be turned ON for the device.

STEP 2: ADHOC CONNECTION

When the IntelliMODULE first powers up and is not already configured to connect to a network, it will temporarily create its own network. Setting up your IntelliMODULE WiFi connection first requires you to connect to the module with another WiFi device – such as a laptop, Smart phone, tablet, etc – to configure the WiFi settings to connect to your WiFi router. To do this, enter



the Wireless Connection manager for your specific device as follows.

Computer: Click on your START menu, then click on “Connect To”. This will display a list of available networks within range. Find the network created by the IntelliMODULE Wi-Fi and select it to connect to. If your computer displays an unsecured network message, click "Connect Anyway" and continue connecting to the IntelliMODULE.



iPhone: Select the “Settings” icon then select Wi-Fi. Verify the Wi-Fi switch is set to ON. The iPhone should then display a list of available networks within range. Find the network created by the IntelliMODULE Wi-Fi and select it to connect to. Once the connection is successful, the iPhone will display a checkmark to the left of the network name. To obtain the IP address of the network press the arrow to the right of the network name to display the network settings. The IP address of the network should read 192.168.0.X.



Android: Select the “Settings” icon then select Wi-Fi. Verify the Wi-Fi switch is set to ON. The Android device should then display a list of available networks within range. Find the network created by the IntelliMODULE Wi-Fi and select it to connect to. Once the connection is successful, the Android phone will display “Connected” under the network name. To obtain the IP address of the network press the network name to display the network information . The IP address of the network should read 192.168.0.X.



STEP 3: CONNECT TO A WIRELESS NETWORK

Open the web browser on the device and enter the IP address obtained in STEP 2 above. You should see a page similar to the one shown to the right requesting you to “Enter CM S/N”. The CM serial number can be found one of two ways – either printed on the label of the module or through the thermostat user interface in the CM installer settings menu. Press SUBMIT.



Once the correct serial number is entered, you will be taken to the IntelliMODULE Wi-Fi configuration main menu shown to the right. To set up the network, you'll want to click on "Scan Networks". This will display a list of available wireless networks within range of your device that you could connect to. Click on your home Wi-Fi network name to initiate the connection.



Once you click on your home Wi-Fi network you will be asked to enter your Security Key to establish your secure connection. Once you enter your Security Key, press save. Your IntelliMODULE will then attempt to connect to your network using your ESSID and provided Security Key.



STEP 4: RECONNECT WIFI

When provisioning is complete, you will need to connect your device back to your home Wi-Fi network. To do this follow the instructions in STEP 2 except select your home Wi-Fi network.

FCC Statements:

Warning:

Changes or modifications to this device not expressly approved by **Comverge Inc.** could void the user's authority to operate the equipment.

RF Exposure:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

For Class B Devices:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help."