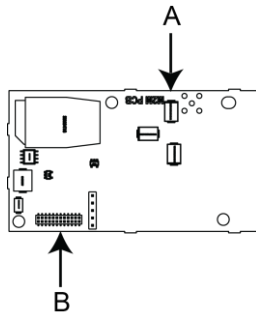


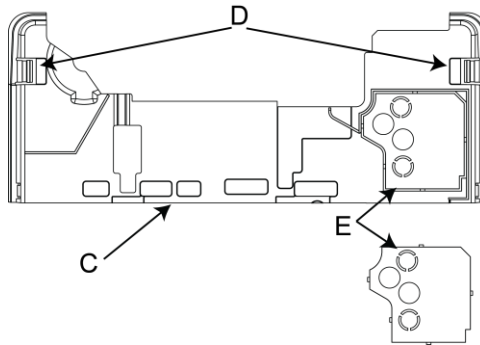
Advisor Cellular Modem Installation Sheet

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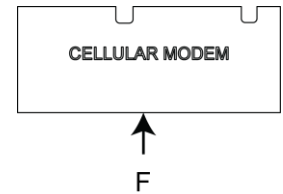
1. Advisor Cellular Modem



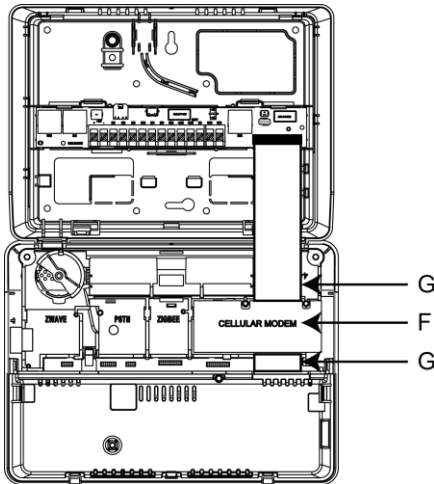
2. Communication Modules Cover Cutout



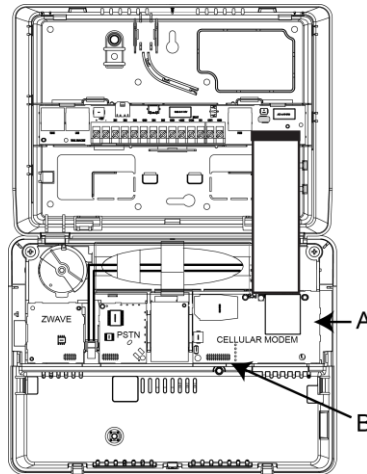
3. Shield



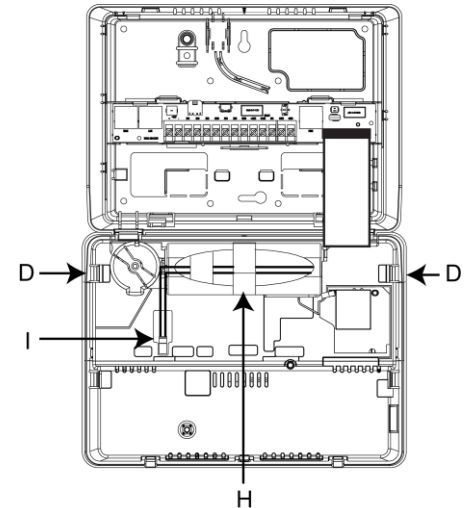
4. Installation of the Ground Shield



5. Installation of the Cellular Modem



6. Communication Modules Cover



English: Installation Sheet

Description

The Advisor™ family of life-safety protection and comfort management systems detects situations, and provides control and information for homes and businesses.

This document provides instructions on installing and programming the Advisor Cellular Modem (P/N AV-3G) for use with the AdvisorOne panel. **Note:** This instruction sheet does not provide instructions on how to install the antenna. Please refer to the Advisor One 3G Antenna Installation Sheet (P/N 466-4436) for more information.

The Advisor Cellular Modem provides cellular communication for reporting, 2-way voice, remote maintenance, remote access, and firmware upgrade management to the Advisor system.

Preparation and Installation


Service Activation:

Before installing the module, it must have a SIM module which is either already activated or can be activate by visiting a provisioning portal website. Additionally the SIM module if provisioned for service will be automatically recognized by the panel once active. If you do not have a SIM module, please contact Interlogix support. The activation process varies depending on SIM provider used. Follow any documentation supplied with the SIM for additional activation details.

Preparing to Install the Advisor Cellular Modem:

 **WARNING:** Use caution when installing or removing the Power Supply to an outlet with a metal cover.

1. Depending on the situation, it may be necessary to contact the central monitoring station before starting the installation.
2. If a power supply is present, remove the screw from the securement tab and unplug the power supply.
3. Remove the screw securing the panel chassis. Open the panel by pressing down on the tabs and carefully swing the panel chassis open.

 **CAUTION:** Use static electricity precautions when handling electronic components.

4. Release the battery strap (H in Figure 6). Disconnect the battery from the battery connector (I in Figure 6) by pressing down on the wire end of the battery clip. Remove the existing battery.
5. To access the location of the Cellular module, remove the Communication Modules Cover (C in Figure 2) by pulling outward on the tabs (D in Figures 2 and 6) and then lifting upward when the tabs release.

Installing the Advisor Cellular Modem into an AdvisorOne panel:

1. Remove adhesive backing from the Ground Shield.
2. Install the Ground Shield (F in Figures 3 and 4) into the CELLULAR module location and on top of the ribbon cable (G in Figure 4), carefully aligning the guide holes in the shield with the with the two guide pins inside the panel. The Ground Shield is important to install for optimum sensor range performance by the panel. Do not disregard its installation.
3. Install SIM card in the Advisor Cellular Modem, if not already installed.
4. Install the Advisor Cellular Modem (A in Figures 1 and 5) on top of the ground shield and ribbon cable, **carefully** aligning the header of the Cellular module (B in Figures 1 and 5) with the pins on the circuit board. Press into place.

Note: The Advisor Cellular Modem must be installed in the designated cellular module slot (marked CELLULAR MODEM in the plastic). DO NOT force the module into place.

5. Before replacing the Communication Modules Cover, remove the breakout (E in Figure 2) for the Advisor Cellular Modem.
6. Reinstall the Communication Modules Cover by pressing the cover down until the tabs (D in Figures 2 and 6) snap into place. The Communication Modules Cover must be secured for proper operation.
7. Reinstall the battery into the holder. Do not connect the battery connector and do not secure the battery strap at this time.
8. Refer to the AdvisorOne 3G Antenna Installation Sheet (P/N 466-4436) for installing the antenna. The antenna will plug into the modem and route on top of the communications cover past the battery and out the back of the chassis. It's important the knockout of the communication cover be removed to allow the antenna to connect.
9. Supply power to the panel as noted in Table 1.

Table 1: Powering the Panel

Installation	Action	Note
US	Plug the power supply into the outlet and secure with the supplied screw.	
Canada	Plug the power supply into the outlet.	Do not use the securement tab and screw.
All Other Installations	Follow regional requirements.	

Note: Connect the battery within **15** seconds of providing power from the power supply to reduce the potential for a low battery indication.

10. Connect the battery to the battery connector on the panel (I in Figure 6). Note that the cable connector locks into place.
11. Close the panel, making sure all tabs are engaged. Replace the screw securing the panel chassis.

Note: All three internal covers must be secured for proper operation.

12. If the central monitoring station was notified, inform them this operation is complete.


Module Configuration and Programming

Module Configuration

A CELLULAR module with a provisioned SIMM card will automatically configure to the Advisor panel and external service when the panel is powered up and a cellular connection is made. **Note:** No additional action is required; follow the steps below to verify the installation.

For un-provisioned module configuration, refer to the AdvisorOne Panel Install & Programming Manual (P/N 466-4405) for additional information.

To Verify the Advisor Cellular Modem is Present and Configured Correctly:

1. Press the Settings  icon located on lower left of the main screen.
2. Press **CONFIGURATION** to enter module configuration and programming.
3. Enter the installer access code, press **CONTINUE**.
4. From the main Options screen, press **COMMUNICATION**, then press **INTERFACES**.
5. Press **EDIT** next to **CELLULAR**.
6. Press either **CELLULAR VOICE** or **CELLULAR INTERNET**.
7. Verify that "Connected" is displayed. If it is not and an error message is displayed, refer to the "Troubleshooting" section of this guide.

Programming

The Advisor Cellular Modem can be programmed for the following: reporting, two-way voice, remote maintenance (downloader), firmware management, and remote access (Smartphone). Refer to the AdvisorOne Panel Install & Programming Manual (P/N 466-4405) for more information.

If the module doesn't automatically configure, see "Troubleshooting".

Troubleshooting

Error	Description
SIMM error	Verify SIMM card is in place and positioned correctly.
PIN error	Contact Technical Support.
Signal strength is low	<ul style="list-style-type: none">• Ensure an antenna is present and connected properly.• Re-orient the antenna or change the panel location.• Contact Interlogix for other antenna options.

If more information is required, refer to the AdvisorOne Install & Programming Manual (P/N 466-4405) or contact Technical Support.

Specifications

Compatibility	AdvisorOne Panel
Storage temperature	-29 to 140°F (-34 to 60°C)
Operating temperature	32 to 120°F (0 to 49°C)
Maximum humidity	85% relative humidity, noncondensing

Regulatory Information

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.

Changes or modifications not expressly approved by Interlogix could void the user's authority to operate the equipment.

In accordance with FCC requirements of human exposure to radiofrequency fields, the radiating element shall be installed such that a minimum separation distance of 20 cm is maintained from the general population.

FCC ID: B4Z-944-3G

IC: 1175C-944E3G

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada exempts de licence standard RSS (s). Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.

Manufacturer Information

UTC Fire & Security Americas Corporation, Inc.
1275 Red Fox Road, Arden Hills, MN
55112-6943, USA

Contact Information

For general information, see or www.interlogix.com. For customer/technical support, see www.interlogix.com/customer-support or call +1 855 286 8889.

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Installation in accordance with this manual, applicable codes, and the instructions of the authority having jurisdiction is mandatory.

While every precaution has been taken during the preparation of this manual to ensure the accuracy of its contents, INTERLOGIX assumes no responsibility for errors or omissions.

Canadian French: Installation Sheet

Translation of the manual into Canadian French.

Spanish: Installation Sheet

Translation of the manual into Spanish.

Portuguese: Installation Sheet

Translation of the manual into Portuguese.