

CELL-CAB-SK

GSM Communicator

Product Installation Document

1 Description

The CELL-CAB-SK houses a GSM (cellular) communicator card for central station reporting. The CELL-CAB-SK is a metal enclosure with a lock and key. The CELL-CAB-SK is compatible with the IFP-75, IFP-300, IFP-300ECS, IFP-2100, IFP-2100ECS, 6820, 6820EVS, 6808, and 6700 Fire Alarm Control Panels.



NOTE: Please contact your AlarmNet® distributor prior to programming this device to ensure the SIM card is activated. If the module has been deactivated, follow these steps to reactivate:

1. Visit www.alarmnet360.com.
2. Login with a valid ID and password. If these credentials are not available, contact AlarmNet technical support.
3. Go to Tools > Cellular Activation.
4. Enter the 12-digit Activation ID (AID) found on the label on the GSM card.
5. Click "Activate".

2 Installation

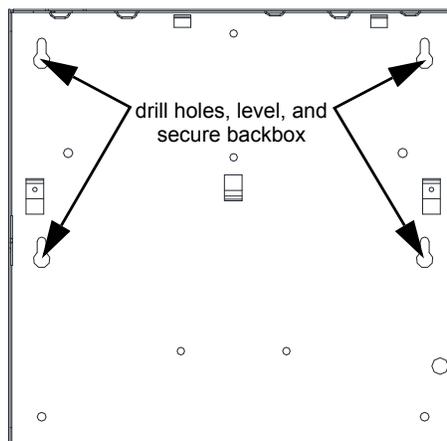
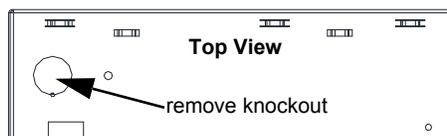


WARNING: THIS SYSTEM CONTAINS STATIC SENSITIVE COMPONENTS

WEAR A PROPER GROUNDING WRIST STRAP AND WORK ON A STATIC-SAFE WORKSPACE TO PROTECT ELECTRONIC ASSEMBLIES.

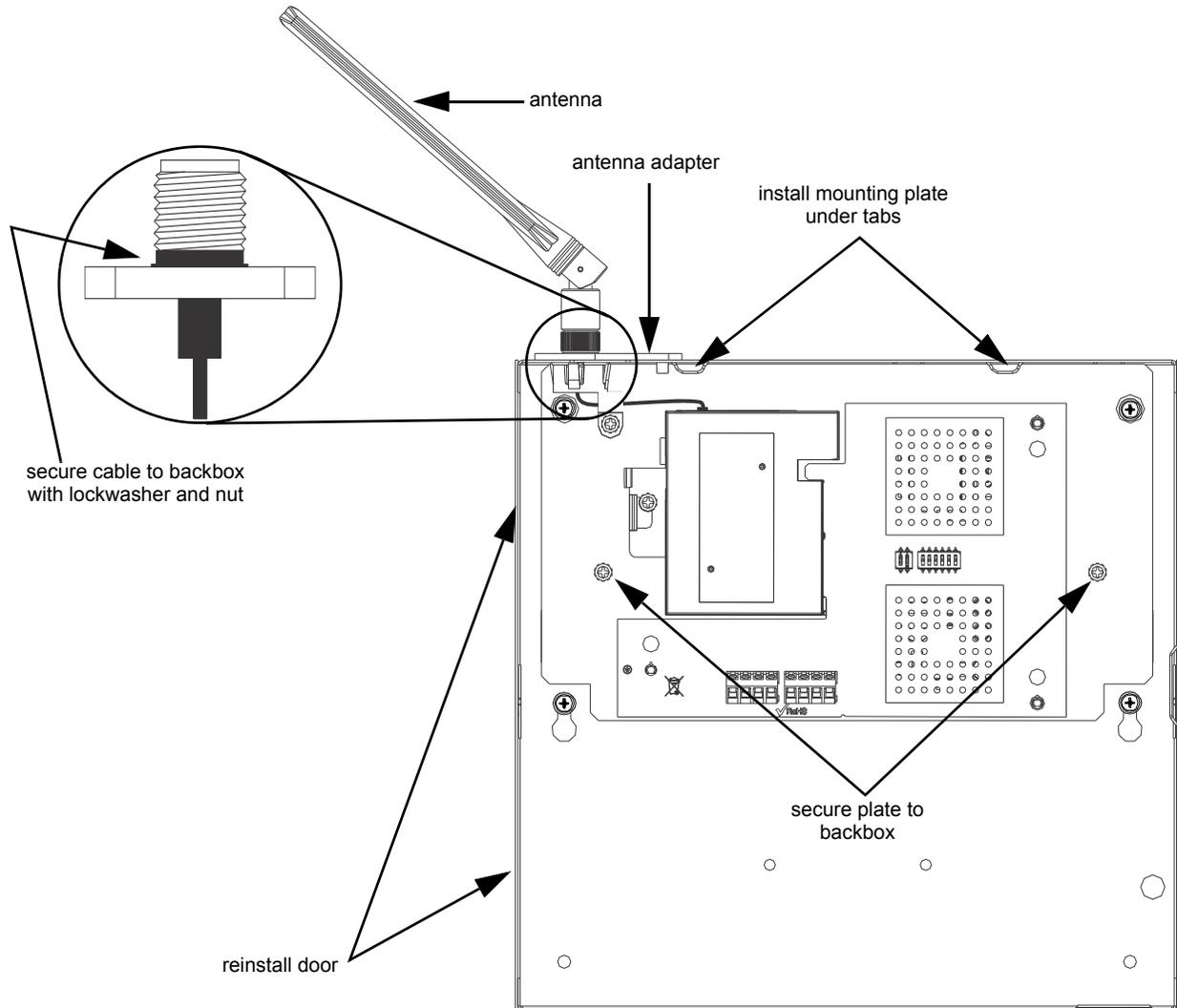
2.1 Cabinet Installation

1. Open the cabinet door and lift upwards, and pull outwards, gently removing the door tabs from the hinge slots.
2. Remove the PCB/mounting plate assembly and place in a safe location until the backbox installation is complete.
3. Remove the top left knockout from the backbox for future installation of the antenna.
4. Mark and pre-drill holes in the wall for the top keyhole mounting. Install top fasteners in the wall with the screw heads protruding. Place backbox over the screws, level, and secure. Mark and drill the lower mounting holes and secure.



2.2 Mounting Plate Installation

1. Insert the metal plate assembly under the tabs and secure it to the backbox using the two screws provided.
2. Snap the plastic antenna adapter into the knockout on top of the backbox removed in step 3 above.
3. Remove the lockwasher and nut from the end of the antenna cable.
4. Insert antenna cable up through the plastic adapter in the top left of the backbox. Ensure that the cable is fully seated inside the adapter and secure the cable to the top of the backbox with the lockwasher and nut removed in step 3.
5. Screw the antenna onto the cable on the top of the backbox.
6. Reinstall door on hinge slots.



3 Wiring

Connections are made from the external communicator terminal block on the fire panel's PCB to the terminal on the GSM card as described below.

CELL-CAB Terminal	FACP External Communicator Terminal
-	-
+	+
A	A
B	B

4 Specifications

- Standby Current: 55mA
- Alarm Current: 100mA
- Operating Temp: 32°-120°F (0-49°C)
- Humidity: 10%-93% (non-condensing)

5 Important Information

RF EXPOSURE WARNING

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 7.8 in (20 cm) from all persons and must not be co-located or operated in conjunction with any other transmitter except in accordance with FCC multi-transmitter product procedures.

FEDERAL COMMUNICATIONS COMMISSION (FCC) STATEMENTS

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

FCC CLASS B STATEMENT

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information:

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause 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:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient the receiving antenna until interference is reduced or eliminated.
- Move the radio or television receiver away from the receiver/control.
- Move the antenna leads away from any wire runs to the receiver/control.
- Plug the receiver/control into a different outlet so that it and the radio or television receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

IMPORTANT NOTE ABOUT EXTERNAL ANTENNAS

If an external cellular radio antenna is used, the antenna may be installed or replaced ONLY by a professional installer.

TO THE INSTALLER

The external antenna must not exceed a maximum directional gain (including cable loss) of 3.2 dBi at 850 MHz and 2.3 dBi at 1900 MHz.