**Connect-XT** is a LTE M1 module that provides network connectivity and home automation to the Simon XT panel.

**Features**
- Connects Simon XT panels to the LTE M1 cellular network
- Provides interactive services without panel replacement
- Provides home automation without panel replacement (Connect-XT-A-Z or Connect-XT-V-Z)
- Provides central station signal reporting

**Installation**
1. Set up an account in the AlulaConnect portal.
2. **Add the MASTER CODE to the primary account user BEFORE connecting the Connect-XT.** Failure to preconfigure AlulaConnect with the panel’s assigned MASTER CODE will result in it being defaulted to 1234.
3. Install the module into the Simon XT panel using the steps below:
   - Disarm.
   - Plug the module into the back of the Simon XT panel.
   - Place the antenna into the slot at the top of the Simon XT panel.
   - Installation is complete.

**Operation**
Events are reported to the Alula Platform. Events can also be set up to report to a monitoring station. All events use **Contact ID** reporting codes.

**Events reported:**
- Alarm
- Alarm Cancel
- Opening
- Closing
- System Low Battery (Optional)
- System Low Battery Restoral (Optional)
- AC Power Fail (Optional)
- AC Power Restoral (Optional)

System control and viewing can be done using the Alula app.

**Verify proper installation and operation using your Simon XT panel’s installation manual.**
Operation

If you need to reset the module, press the factory default switch until the module’s LEDs flash once (roughly 5 seconds).

LED indicators

<table>
<thead>
<tr>
<th>LED</th>
<th>Indication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (Green)</td>
<td><strong>ON and Flashing off once every second</strong> - Powered and running</td>
</tr>
<tr>
<td>Cellular (Red)</td>
<td><strong>ON</strong> - Registered with the local cellular network</td>
</tr>
<tr>
<td>CS &amp; Platform (Red/Yellow)</td>
<td><strong>ON</strong> - Connected to interactive server</td>
</tr>
</tbody>
</table>

**Note:** If the cellular LED displays two quick flashes (then repeats every second), this indicates it was not able to connect to the network. There could be a delay before retrying the connection.

Cellular signal bar LEDs indicate the quality of the cellular connection. A minimum of two signal bar LEDs is recommended.

<table>
<thead>
<tr>
<th>Signal Bar</th>
<th>Cellular Signal Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Bad (0 to 14)</td>
</tr>
<tr>
<td>1</td>
<td>Marginal (15 to 19)</td>
</tr>
<tr>
<td>2</td>
<td>Acceptable (20 to 24)</td>
</tr>
<tr>
<td>3</td>
<td>Good (25 to 30)</td>
</tr>
<tr>
<td>4</td>
<td>Best (30+)</td>
</tr>
</tbody>
</table>

Troubleshooting

Cellular communication problems can be solved in many ways:

- Ensure antenna is securely snapped into the circuit board
- Reposition the unit (move or rotate)
- Move the unit higher in the building
- Move the unit away from metal objects (appliances, ducts)
- Move the unit closer to a window
- Replace antenna with one that has better performance (see following page)
**Antenna Options**

**Internal antenna - RE048**
- Good Performance
- Offers a compact solution

**Wall Drop antenna - RE036**
- 8-foot antenna
- Better performance
- Antenna can be hidden in the wall

**Wall Drop antenna - RE036-0**
- 1-foot antenna
- Better performance
- Antenna can be hidden in the wall

**Other cellular antenna options**
- Nearson T6155AM-LTE-S
- Taoglas TG.30.8113
- Laird DBA6927C1-FSMAM
**Specifications**

<table>
<thead>
<tr>
<th>Physical</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>4.1 x 1.9 x 0.8 inches</td>
</tr>
<tr>
<td>Weight</td>
<td>1.1 ounces</td>
</tr>
<tr>
<td>Current Draw</td>
<td>100mA (Nominal)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Environmental</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>32°F to 120°F</td>
</tr>
<tr>
<td>Maximum Humidity</td>
<td>85% non-condensing relative humidity</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Panel Compatibility</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Interlogix</td>
<td>Simon XT (firmware version 1.3 or later), Simon XTi, Simon XTi 5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Certification</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Connect-XT-A, Connect-XT-A-Z</td>
<td>FCC, IC, AT&amp;T</td>
</tr>
<tr>
<td>Connect-XT-V, Connect-XT-V-Z</td>
<td>FCC, IC, Verizon</td>
</tr>
</tbody>
</table>

**FCC NOTICE**
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference that may be received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by Alula could void the user’s authority to operate this equipment.

**RF Exposure:**
To satisfy FCC RF Exposure requirements for mobile and base station transmission devices, a separation distance of 20cm or more should be maintained between the antenna of this device and persons during operation. To ensure compliance, operation at closer than this distance is not recommended.

**IC NOTICE**
This device complies with Industry Canada license-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.

**TRADEMARKS**
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FCC ID: XMR201707BG96

IC: 10224A-201709BG96

**Specifications subject to change without notice**