GSM Alarm Communicator 
For Commercial Fire Applications

The Uplink 4550CF cellular alarm communicator delivers full event reporting and complete end-to-end signal verification as a backup to landline connections. It is UL listed and designed to meet all applicable compliance and performance standards, including National Fire Alarm and Signaling Code NFPA 72. Instant onsite activation is available through the Uplink dealer website or live operator.

4550CF Device Features:

- UL Listed for commercial fire alarm applications
- Telephone line monitoring for backup or primary communications
- Two programmable inputs for independent or redundant signaling
- Installs in minutes with complete end-to-end signal verification
- Full event reporting for telephone line monitoring for full backup communications
- Redundant delivery methods
- Installs in minutes with complete end-to-end signal verification

Uplink Advantages

- Secure dealer website for activation, configuration, and management
- Flat-rate billing with no overage charges
- Programmable periodic test intervals
- Uplink Remote for interactive control and end-user notifications
- Mobile activation and signal strength with Uplink Installer™
- Live technical and activation support*

*8:00 a.m. to 8:00 p.m. EST, Monday through Friday
Specifications subject to change without notice.
Technical Specifications

**INPUTS AND OUTPUTS**

<table>
<thead>
<tr>
<th>Input/Output</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alarm Dial Capture Input</td>
<td>RJ 31X port for full event reporting capability</td>
</tr>
<tr>
<td>Two Inputs</td>
<td>Contact closure monitors telephone line for independent and redundant signaling</td>
</tr>
<tr>
<td>Three Relay Outputs</td>
<td>(2) configurable - normally open (1) configurable - normally closed</td>
</tr>
</tbody>
</table>

**REPORTING**

<table>
<thead>
<tr>
<th>Reporting Type</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central Station*</td>
<td>Contact ID, SIA, Modem Ile/Illa*, Pulse 4/2 (:10, :20, or :40 PPS) delivered via IP or dial-up</td>
</tr>
<tr>
<td>Other Reporting</td>
<td>Low battery, AC loss</td>
</tr>
</tbody>
</table>

**Automated Testing**

- Weekly, daily

**Status LEDs**

- Cellular network
- Signal strength
- Power
- Telco line
- Trouble
- Heartbeat

**POWER REQUIREMENTS**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Transformer*</td>
<td>UL Listed 16.5V AC - 45 VA transformer - INCLUDED</td>
</tr>
</tbody>
</table>
| Battery Backup       | UL Listed 5.0 Ampere 12V DC battery PS-1250-F1 or equivalent
|                      | Battery size (max): L 3.5” x W 2.75” x H 4.00”                          |
| Power Supply         | Built-in 12V DC power supply with charging circuit                     |

**RADIO**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>4G (HSPA+)</td>
<td>850/1900MHz operates on 4G, 3G and 2G networks</td>
</tr>
<tr>
<td>Transmit Power</td>
<td>Maximum allowable: 1.0W at 1900MHz, 2.0W at 850 MHz</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

- Height: 12.2 inches
- Width: 7.5 inches
- Depth: 3.9 inches
- Antenna: 7.75 inches

**CERTIFICATIONS/COMPLIANCE**

- Standards: UL864, UL1635, NFPA72, CFSM
- EMC: FCC, PTCRB, AT&T

Specifications subject to change without notice.

*UL listed using Contact ID format and Elk TRG1640 transformer

---

**A Trusted Partner**

Uplink, a Numerex Solution, is the security industry’s most trusted source for wireless alarm communicators. Uplink delivers the unique combination of technology, quality, options, and superior value that have made us the industry’s trusted source for security solutions since 1996.

With hundreds of thousands of installed devices throughout the United States, Mexico, and Canada, Uplink has the experience and expertise to provide reliable, award winning products with first class support.

For more information, visit the Uplink website at uplink.com.