4-Zone Fire Panel With
Built-In Primary GSM
Cellular Communicator

The Uplink 4555 is a UL listed all-in-one control panel and
communicator for commercial fire applications. It includes
a smoke detector circuit, annunciator output, and four
supervised zones. With its built-in primary cellular and POTS
communications capability, the Uplink 4555 provides an easy
to install and economical solution for fire monitoring.

Uplink 4555 Device Features:

✓ UL listed for ANSI/UL 864
✓ Reports Contact ID, SIA
✓ 24V outputs for notification and smoke detector
✓ Four supervised zones
✓ External LED indicators
✓ Alarm reset button
✓ Onboard sounder
✓ Built-in charger for up to two 12AH batteries
✓ Includes external AC power supply

Uplink Advantages:

Provide primary control or use as a slave communicator

Cost savings over traditional fire alarm panels and communicator combinations

Digital dialer and cellular radio

Ideal for sprinkler, riser, and small to medium installations

Live technical and activation support*

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

Specifications subject to change without notice.

**Technical Specifications**

**ALARM SIGNALING**
- Applications: Primary controller or slave communicator
- Modes: Primary cellular, POTS w/ cell backup
- Formats: Contact ID, SIA
- Automated Testing: Daily, 6 hour, 1 hour

**RADIO**
- Technology: UMTS/HSDPA/GSM/GPRS/EDGE
- Frequency Bands: 850/1900 MHZ
- Sensitivity: -106 dB (typical)
- Output Power: Class 4 (2W @ 850 MHz, max)
  - Class 1 (1W @ 1900 MHz, max)
  - Class 3 (0.25W @ 850/1900 MHz, max)

**TELCO INTERFACE**
- Dial Format: DTMF
- Line Impedance: 600 ohms
- Ringer Equivalence: 0.3 REN

**OUTPUT SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Number</th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Supervised, fully programmable</td>
<td>Relay contact, fully programmable</td>
<td>Unsupervised supply</td>
</tr>
<tr>
<td>Voltage</td>
<td>24 V</td>
<td>5 V</td>
<td>24 V</td>
</tr>
<tr>
<td>Max Current</td>
<td>400 mA</td>
<td>120 mA</td>
<td>400 mA</td>
</tr>
</tbody>
</table>

**INPUT SPECIFICATIONS**

| Number and Type | 4 Supervised, all programmable, 2.2k EOL |
| Voltage         | 3.3V, protected to 15V |
| Max Current     | 1mA |
| Max Frequency   | 20 KHz |

**POWER**
- Power Supply (Included): Type: Class 2, UL Listed
  - Input: 120 VAC, 60Hz, 0.43A
  - Output: 16.5 VAC, 45VA
- Normal Current (On Hook): 125 mA
- Maximum Current (Off Hook): 600 mA
- Battery Standby Current: 20 mA
- Battery: Two ELK 12120 12 V, 12 AH (REQUIRED, NOT INCLUDED)
- Battery Charging System: Pulsed width modulated constant voltage. Electronic short circuit protection, thermal protection
- Maximum Full Charge DC Voltage: 27.2V +/- 0.2V
- Maximum Ripple: 20mV
- Battery Operating Temperature Range: -20° to +50° C

**ENVIRONMENTAL**
- Temperature Range: Operating: -20° to +50° C
  - Storage: -30° to +70° C
- Humidity: 0-95% non-condensing

**DIMENSIONS**
- Height: 12.2 inches w/o antenna; 19.0 inches w/ antenna
- Width: 12.2 inches
- Depth: 6 inches
- Weight: 15 lbs (with two 12AH batteries)

**CERTIFICATIONS/COMPLIANCE**
- Radio: FCC, IC, PTCRB, AT&T
- Fire Safety: UL listed for ANSI/UL 864, CSFM