



Alarm Engine

**NEW!**

## RELIABLE CELLULAR CONNECTIVITY

Designed for Alarm Engine

Turn every E27 Alarm Engine install into an **always-connected** system with the new Alarm Engine Cell Communicator.

**ELK-AEXCELLA** - For AT&T LTE Network

**ELK-AEXCELLV** - For Verizon LTE Network

## CELLULAR DONE RIGHT

- ✓ **Dependable reporting** to Central Station with automatic switching when the IP path is inaccessible.
- ✓ **Utilizes ElkConnect** interactive services over cellular at the same flat rate as IP, with **no added cell cost**.
- ✓ **Quick setup** takes just minutes, featuring automatic bus enrollment and minimal programming needed.



**ELK**  
PRODUCTS

[www.elkproducts.com/aexcell](http://www.elkproducts.com/aexcell)

## ELK-AEXCELLA - Alarm Engine Cellular Communicator for AT&T LTE Network

## ELK-AEXCELLV - Alarm Engine Cellular Communicator For Verizon LTE Network

### APPLICATION:

The ELK-AEXCELL enables Alarm Engine controls to communicate with a Central Station and provides a pathway for system communication. It connects to the RS-485 data bus, with activation and setup managed through the ElkConnect portal. If the IP pathway becomes unavailable, the E27 control automatically communicates over the cellular pathway provided by the AEXCELL.

The AEXCELL requires an E27 with an active subscription in ElkConnect—specifically, an IP Interactive with Cellular plan. The IP Interactive with Cellular plan is available at the same flat rate as the IP Interactive plan, with no added cell costs!

### FEATURES:

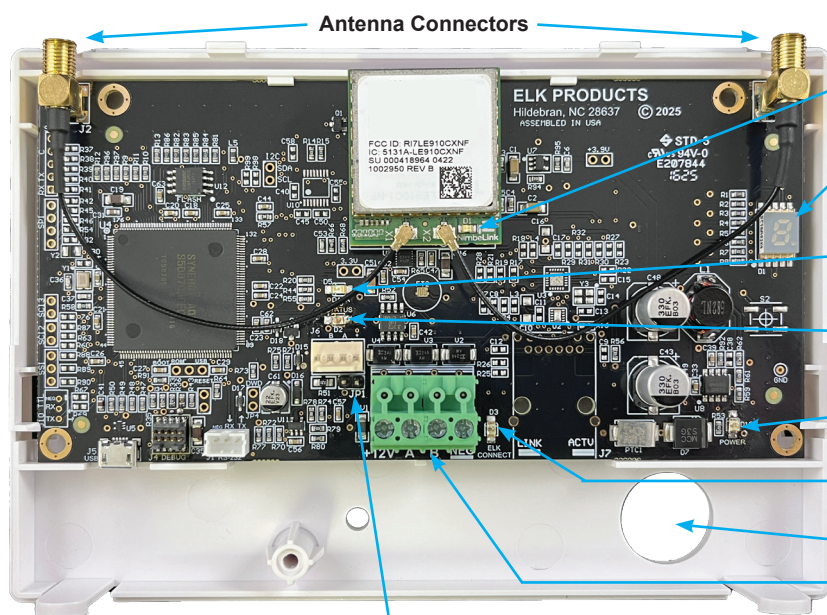
Features or Specifications subject to change without notice.

- Alarm/event reporting to Central Station with automatic switching when the IP path is inaccessible.
- System communications for remote interactive services and programming
- Utilizes ElkConnect interactive services over cellular at the same flat rate as IP, with no added cell cost
- Connects to RS485 Data Bus on E27 control board
- Quick setup takes just minutes, featuring automatic bus enrollment and minimal programming needed

### SPECIFICATIONS:

- Operating Power: 13.8 VDC
- Current draw: 60mA normal, 150mA peak
- Includes two antennas, size: 5.375" x 0.938" x 0.438"
- Board Size: 6" x 3.375" x 0.625"
- Housing Size: 6.402" x 4.352" x 1.188"

**IMPORTANT!**  
**REQUIRES E27 CONTROL FIRMWARE VERSION 0.6.2 OR LATER!**



### HARDWARE OVERVIEW:

#### Cell Service Green LED

ON solid = Cell tower within range and unit has established connection  
Blinking = limited or no cell service

#### 7 Segment Display

Sequentially displays 1 character at a time to indicate signal strength and error codes. Data is grouped in short packets with a key letter prefix. See instructions for details.

#### Data Green LED

Blinking = Cell Communicator enrolled and communicating with E27  
ON solid/OFF = Not enrolled and/or not communicating with E27

#### Status Red LED

Blinking = Normal state  
ON solid/OFF = Processor trouble

#### Power Red LED

ON solid = Unit is powered on

#### ElkConnect Yellow LED

ON solid = Unit is providing cloud connection via cell to the control

#### Wire Routing Hole

#### RS485 Data Bus Terminals

#### Data Bus Terminating Jumper (JP1)