



## Fire Marshal Division

P.O. Box 370  
Lillington, NC 27546  
910-893-7580

# Application for Plan Review

Permit Type: Fire Alarm Detection System/Related Equipment 

Date Received: \_\_\_\_\_ Received By: \_\_\_\_\_

Name of Project: Campbell University - BOB BARKER HALL

Physical Address of Project: 260 LESLIE CAMPBELL AVE, BUIES CREEK, NC 27506

Plans Submitted By: HOLMES SECURITY

Project Phone: (910)-483-1196

Contact Person/Address: AMANDA DOMINA-HOLMES SECURITY  
407 RAY AVE, FAYETTEVILLE, NC 28301

Contact Phone: (910)-483-1196 (910)-635-6924

Contractor's Name/Info: HOLMES SECURITY  
407 RAY AVE, FAYETTEVILLE, NC 28301

Contractor's Phone: (910)-483-1196

Contact Email: ADOMINA@HOLMESELECTRICSECURIT

- **Plans that are submitted will be reviewed as quickly as possible with an average time of review between 7-10 working days.**
- **Status checks may be conducted on plan reviews by visiting the website <http://hteweb.harnett.org/Click2GovBP/Index.jsp> or by calling the Harnett County Central Permitting Office (910-893-7525 : Opt. 2), or the Harnett County Fire Marshal's Office (910-893-7580).**
- **Approved plans must be picked up from the Central Permitting Office and all fees paid before any required inspections can be conducted.**

# StarLink<sup>2</sup> FIRE MAX



**DUAL SIM/DUAL PATH  
AT&T AND VERIZON  
CELL &/OR IP OR SUPERVISED DUAL CELL 5G  
COMMERCIAL FIRE FACU COMMUNICATORS**



- **Easiest installation, powered by panel, NO extra power supply, NO extra conduit.** (Excludes Metal Direct AC-Powered Model, shown below.)
- **Labor-Saving Supervision Features Save Time & Money** - Uniquely including 4 supervised, programmable EOLR zone inputs; 2 Form C Relay outputs (no extra supervision modules to buy or install); plus, 2 Telephone style jacks for easy FACU-connection. Self-supervised on 4 wires.
- **Easy Account Management on [www.napcomnet.com](http://www.napcomnet.com) 365/24/7 & Easy-Repeat Account Templates** - Save your typical account setup and reuse for goof-proof communicator programming & fast deployment.



- **Free StarLink FACU-Saver App** - Smartphone Pro sales tool for calculating/demonstrating account's cellular cost-savings with dealer by number of lines & locations vs. copper POTs lines leased from phone co. **FREE download** on Apple Store or Google Play.

- **Pro Incentive Instant Rebate Program** - Dealers save on new and retrofit installations, replacing POTs, old radios, sunset networks and even new installations. (Nothing to mail in/fill out; Service credit automatically applied upon valid plan activation.)
- **Over-the-Air Upgradeable Firmware**
- **UL Listed & NFPA 72 Fire Code-Compliant**, the StarLink Fire Max 2 Series Wireless Commercial Fire Alarm Sole Path & Dual Path Communicators provide universal support for any brand 12V to 24V fire alarm control panel (FACU), reporting in Contact ID and 4/2. **UL-Listed from the UL 864 StarLink Fire Max 2 communicator, to Napco's NY UL 864 Network Operations Center** (shown below in map), **to any Central Station's UL Listed Receiver.** (It is also backed by Disaster Recovery NOC in PA for immediate, mirrored emergency switchover.)

## StarLink Fire MAX 2: SLE-MAX2-Series Dual SIM, Dual Path & Exclusive Super Dual™

- **Dual SIM, Dual Path Universal** full data 5G LTE-M cellular &/or IP, or supervised dual cell (Super Dual™) commercial fire alarm reporting from any panel, virtually anywhere nationwide
- **One Model to Stock:** Provides both Verizon® & AT&T® Cell Networks plus either sole or dual path cell/IP, -or- exclusive Super Dual™ Supervised Dual Cell, Dual Channel Cell-Only Dual Path UL 864 reporting (Selectable by plan)
- **Auto-Network-Select by Site** - Upon power up, the signal-strength provided by each cell carrier is analyzed at the site, and the unit will lock-in the best carrier automatically, i.e., AT&T or Verizon. Thereafter, it's periodically reviewed and dynamically swapped as needed.
- **EZ Cell-Network ID- Red or Blue Indicators** - Inside the unit, the Carrier Indicators will light Blue for AT&T or Red for Verizon connection (also test button indicates signal strength on each for manual check)
- **See/Set SIM Status Remotely** - using a PC or smart device, the StarLink Network Operations Center (NOC), in Napco Headquarters, NY, can be accessed allowing you used to set parameters or view current status, Dual SIM status of accounts
- **Supports 12V-24V FACUs**, No Panel Reprogramming with those that communicate using Contact ID and 4/2 (such as on legacy panels), as primary or backup.
- **UL & NFPA Code-compliant, replaces 2 POTs lines per FACU** saves thousands of dollars per year over the leased landlines. (Show accounts savings - Free Sales Tool/Calculator App)
- **Proven StarLink Reliability & Best 5G LTE-M Performance** - Works where others can't - Signal Boost™ Circuitry & unique dual-diversity twin antennas, maximizing signal acquisition and eliminating the multiphase-effect signal-clash/drop-outs single-antenna units are prone to.



**Universal Panel-Powered Commercial Fire FACU Communicator:  
Dual SIM for 2 Networks; Dual Path Cell Only or Cell/IP All in One Model**



**SLE-MAX2-CFBP**

**SLE-MAX2-CFB**

Dual SIM/Dual Path StarLink Fire MAX 2 also available in Metal enclosures with or without power supply



**One Dual SIM Dual Path Model is Both Verizon and AT&T and Sole or Dual Path with Cellular + Internet Option.** StarLink Fire provides full data reporting, in sole & dual path, as a primary or backup, to any central station of your choice, w/o requiring any special equipment. **Super Dual™ Exclusive Supervised Dual Cell, Dual Path Plan Option (w/o using IP)** Industry's 1st UL 864 Listed Supervised Dual Sim, Dual Path Communications - Uses 2 cell networks; both carrier channels are supervised. If one network is down, the other will be on. UL 864 Listed Dual Supervised, Dual Cell Channels, avoids use of IP for AHJ/regions' dual path requirement. A selectable plan option on NapcoComnet.com

**Easy, Universal Installation at Every Application.** StarLink Fire Communicators are easily connected to any 12V to 24V panel or Fire Alarm Control Panel (FACU) using easy Quick-Connect FACP modular jacks. StarLink Fire Max 2 Series comes in standard, ABS plastic Panel-Powered Technology™ (powered by the panel), models, or in metal housings w/ or w/o & choice of power options, i.e., direct-connect 120VAC or Plug-in transformer.

**StarLink Fire is End-to-End UL 864 Listed to protect signal reliability, speed & performance** for critical life and safety alarm reports for maximum life safety & liability protection.

### STARLINK: ALL SIGNALS, ALWAYS IN THE USA

StarLink UL Listed End to End:

UL 864 Listed StarLink Fire Communicator

▶▶ UL 864 Napco NY NOC w/ PA Failover: SOC 2

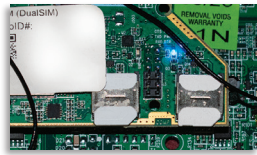
▶▶ Any Central Station's UL Receiver





## SLE-MAX2 SERIES Fire Dual SIM/Dual Path Commercial Fire Alarm Cell Communicators

- **Dual SIM models auto-select optimal cell carrier - and Red or Blue LED Indicators inside signal Verizon or AT&T respectively, shown right.** ➔
- **LED Status/Trouble Indicators** 3 Radio Status LED Indicators (visible from outside standard model housing) - Green, Signal Strength; Amber- Busy/Activation; Red-Trouble. (Additional internal LEDs, not visible with cover closed, i.e., for troubleshooting and for AT&T or Verizon network selection, status). Power LED indicator viewable on outer metal enclosure models.
- **Sole or Dual Path 5G LTE-M Cell Commercial Fire Alarm Communicator in One** - Simply select Cell or Cell/IP or Super Dual™ Service Plan & check-in period: 5 minutes, 60 minutes, 6 hours or 24 hours.
- **Signal Boost and Patented Dual Diversity Antenna** for maximum signal acquisition & null/signal-clash avoidance, receiving signals on both antennas (2 Antennas supplied, nothing extra to buy.)
- **"Return Receipt" Fully-Supervised Communication Path** between premise & central station, keeping channel open until kiss-off is received from Central Station Receiver



**SPECIFICATIONS:** (Apply to all models unless otherwise stated)

### SLE-MAX2-FIRE & SLE-MAX2-CFB:

**Electrical Ratings for +12V / 24V (Models w/o Power Supply)**

- Input Voltage: 10-24VDC regulated (power-limited output from UL Certified FACU/panel Aux/Remote Fire Power).
- Input Current: 24VDC standby: 85mA

### SLE-MAX2-CFBPS:

**Electrical Ratings for 120VAC, 60Hz (Models with Power Supply)**

- Input Voltage: 120VAC nominal
- Input Current: 200mA maximum
- Maximum Charging Current: 200mA

### Electrical Ratings Fire Input 1:

- Input Voltage: 9-25VDC
- Max Input Current: Up to 2mA from FACU NAC circuit

### Electrical Ratings for Inputs 2 to 5 (Class B):

- Maximum Loop Voltage: 25VDC
- Maximum Loop Current: 1.2mA (metal models); 1.7mA (plastic)
- End of Line Resistor (EOLR) Value: 10K

### Electrical Ratings for PGM3 Output:

- Open Collector Output: Max Voltage 3V when active; 25V max. when not.
- PGM Max Sink Current: 50mA (up to 15VDC), 25mA (15.1VDC -25VDC)

### Physical & Environmental

- Plastic Housing: 8 x 5½ x 1½" (WHD) + antennas (2ea, supplied) 8¼" H
- Metal Housing: 11½ x 9½ x 3½" (WHD) + antennas (2ea, supplied) 8¼" H
- Housings: 2 Keyholes for wall mount
- Operating Temp. 32 to 120°F, 93% Humidity Max.

**COMPLIANCES:** NFPA 72 Eds: 2022, 2019, 2016, 2013, 2010; UL 2610, UL 985, UL1023, UL864 10th Ed., CSFM, NYC FD, LAFD Napco US Network Operations Center (NOC) UL 864 10th Ed., UL 1610, UL 1635

## Napco's Exclusive Super Dual™

The Industry's 1<sup>st</sup> Supervised Dual Cell, Dual Path



- **Uses Dual Cell Networks, Verizon + AT&T, With Both Carrier Channels Supervised**
- **Super Reliability** - If One Network Goes Down, the Other Will be On.
- **Super Easy Labor-Saving Option Anywhere Dual Path is Required**, e.g., NYC, L.A., Chicagoland, Denver, IN, etc.
- **UL Listed 864 Dual Cell Performance Satisfies Spec w/ 2 Supervised Cell Carrier Paths Reporting, But Without Requiring IP & the Associated IT-Hassles & Time**
- **Easy Upgrade to any StarLink Fire MAX 2 on Napcocomnet.com - Just Select "SUPER DUAL" Plan**



### ORDERING INFORMATION

| Model          | Description                                                                                                                                                                   | Dual SIM/<br>Dual Path | Verizon<br>✓ | AT&T<br> | Sole Path<br>Cell | Dual Path<br>Cell/<br>IP | Supvsd.<br>Dual<br>Path<br>Cell-Only | Current<br>Draw,<br>Peak<br>@24V | Low Current<br>Draw,<br>Standby<br>@24V |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------|----------|-------------------|--------------------------|--------------------------------------|----------------------------------|-----------------------------------------|
| SLE-MAX2-FIRE  | Universal Fire Communicator, Dual SIM, Dual Path, Panel-Powered Technology, ABS Plastic Housing                                                                               | ✓                      | ✓            | ✓        | ✓                 | ✓                        | Super Dual Plan                      | 325mA                            | 85mA                                    |
| SLE-MAX2-CFB   | Universal Fire Communicator, Dual SIM, Dual Path, Panel-Powered Technology                                                                                                    | ✓                      | ✓            | ✓        | ✓                 | ✓                        | Super Dual Plan                      | 325mA                            | 85mA                                    |
| SLE-MAX2-CFBPS | Universal Fire Communicator, Dual SIM, Dual Path, Direct AC Power 120VAC Metal Housing w/ Provision. For Plug-in TRF12 Xformer, 16VAC, 20VA (w/ provision for backup battery) | ✓                      | ✓            | ✓        | ✓                 | ✓                        | Super Dual Plan                      | 200mA                            | 200mA                                   |

### OPTIONS/ACCESSORIES:

**SLE-WIFI-MODULE:** Optionally connects supported dual path models to Internet via WiFi, eliminating Ethernet cable connection. Requires 7AH battery. (see WI2191)

**SLE-ANTEXT30:** StarLink Omni-X Optional Extended Range Marine-Grade Complete Antenna Kit, w/ 30' of ultra low-noise LMR 300 cable, all hardware & ground fault isolator plate.

**SLE-ANTEXT50:** as above, 50' cable

**SLE-ANTEXT75:** as above, 75' cable

**SLE-ANTEXT100:** as above, 100' cable

**SLE-ANTEXT04:** as above, 4' cable

**SLE-FIRE-VR:** FACU Voltage Drop Kit, maintains safe input voltage < 27.5VDC

**TRF12:** Plug in AC Transformer, used w/ SLE-MAX2-CFBPS model, 16.5V / 20VA (use subject to local code).

**GEM-TAMPERKIT:** Tamper switches and screws to protect metal housing where required.

**SLE-ULPS-R:** Power Supply, for installations where FACU cannot provide Aux Power.

**SLE-FMBB:** Opt. Metal Cable Management Backbox for surface mounting plastic StarLink communicator models adjacent to FACUs on same plane. Radio easily snaps in on 4 stand-offs, no rewiring. Red metal enclosure w/ ¾" cable knockouts; 2 Connectors & 4" Conduit, supplied.

**SLE-MAX2-DEMO:** Self-Powered Portable Demo Indicates Cell Networks' QoS Live



verizon+ AT&T



[www.StarLinkFire.com](http://www.StarLinkFire.com)

## Addressable, Conventional Fire Alarm Systems & Leading Commercial Fire Cellular Communications

For Compliance, Always Consult with AHJ & Tech Docs by Model, i.e., SLE-MAX2-FIRE (Plastic) WI2609LF; SLE-MAX2-CFBPS, -CFB (Dual Path Metal) WI2642LF. StarLink, StarLinkMAX Fire & Super Dual™ are trademarks of NAPCO Security Technologies, Inc. Other marks remain intellectual property of their respective companies. For Pro Incentive Promo see details online. Preliminary data & promotions subject to change without notice. © NAPCO 2024.4 A852A



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