



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 - LEON LEVINE HALL

Physical Address of Project: 4350 US HWY 421 S, LILLINGTON, NC 27546

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.**

StarLink² 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 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

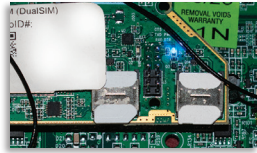
▶▶ Any Central Station's UL Receiver





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 1st 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/ Dual Path	Verizon ✓	AT&T	Sole Path Cell	Dual Path Cell/ IP	Supvsd. Dual Path Cell-Only	Current Draw, Peak (@24V)	Low Current Draw, Standby (@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

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. A 852A



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