

# StarLink<sup>MAX</sup> FIRE



## 5G LTE-M Universal Commercial Fire Alarm Cellular &/or IP Communicators

- **Universal full event sole & dual path 5G LTE-M cellular &/or IP commercial fire alarm reporting from any panel brand, virtually anywhere nationwide**
- **Code-compliant, replaces 2 POTs lines per FACP &** saves thousands of dollars per year over the leased landlines.
- **Supports 12V-24V control panels and FACPs** that communicate using Contact ID and 4/2 (such as on legacy panels).
- **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.
- **Full Data Reporting to any Central Station nationwide, via choice of Verizon® or AT&T® Networks.** Communicate critical life and safety alarm reports for maximum life safety & liability protection.
- **Easiest installation, powered by panel, NO extra power supply, NO extra conduit.** (Excludes Metal Enclosure Direct AC-Powered models)
- **Labor-Saving Features Save Time & Money** - Uniquely includes 4 programmable EOLR zone inputs; 2 Form C Relay outputs (no extra supervision modules to buy or install); plus, 2 Telephone style jacks for easy FACP-connection. Self-supervised on 4 wires.
- **Preactivated** - No-Delay Activation speeds installation time, even during peak periods.
- **LED Status/Trouble Indicators** 3 Radio Status LED Indicators (visible from outside standard model housing) - Green, Signal Strength; Amber- Busy/Activation; Red-Trouble (4 additional LEDs, not visible, for network status & troubleshooting). Power LED indicator viewable on outer metal enclosure models.
- **Over-the-Air Upgradeable Firmware** for updates w/o a truck-roll.
- **Free FACP-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.



StarLink Max Fire 5G LTE-M code-compliant standard or metal models on choice of Verizon or AT&T networks



**UL and NFPA 72 Fire Code-Compliant**, the StarLink Max Fire Series Wireless Commercial Fire Alarm Sole Path & Dual Path Communicators provide universal support for any brand 12V to 24V fire alarm control panel, reporting in Contact ID and 4/2. With broadest nationwide coverage footprint, Verizon or AT&T, using proven StarLink circuitry, they are also available in locking metal enclosure models. All provide the most economical solution for easy, versatile installations. Also regional compliances, i.e., CSFM, NYC FD, LAFD and more.

**Easy, Universal Installation at Every Application; Panel-Powered Technology™.** StarLink Fire Communicators are easily connected to any panel or Fire Alarm Control Panel (FACP) standardly operating between 12V and 24V. Flexible in any application, StarLink Max Fire also comes in standard, or models in metal housings, with code-compliant supervision, and choice of power options, Panel-Powered Technology™ (powered by the panel), or direct-connect 120VAC models. Signal Boost circuitry & dual diversity antennas for maximum signal acquisition & null avoidance, receiving signals simultaneously on both antennas.

**One Model is Sole or Dual Path with Cellular + Internet Option.** StarLink Fire provides full data reporting, both Sole Path and Dual Path communication modes, as primary Communicators, to any central station of your choice, without requiring any special equipment on premises. The units are very easily activated, plans and options are selected, and 24/7 account management is provided all through [www.napcocomnet.com](http://www.napcocomnet.com).

### Napco StarLink Max® Fire Commercial Alarm Communicators

- **5G LTE-M Sole or Dual Path Cell Commercial Fire Alarm Communicator**
- **Choice of Nationwide Coverage Networks**, Verizon or AT&T
- **Choice of plans for every requirement:** Simply select Cell or Cell/IP Service Plan and check-in period: 200 seconds, 5 minutes, 60 minutes, 6 hours or 24 hours.
- **Patented Signal Boost™ and Dual Diversity Antennae** for maximum signal acquisition & null avoidance, receiving signals simultaneously on both antennas
- **Pro Cost-Saver Tradeup Program** - Unsurpassed savings, for new and retrofit installations, replacing POTS, old radios, sunset networks and even new installations!

#### AGENCY LISTINGS



- UL 864 Standard For Control Units & Accessories For Fire Alarm Systems, 10<sup>th</sup> Edition
- UL 1610 Standard For Central-Station Burglar-Alarm Units
- UL 985 Standard For Household Fire Warning System Units
- UL 1023 Standard For Household Burglar-Alarm System Units
- UL 1076 APOU Proprietary Alarm Systems
- UL 365 APAAW Police Connect



NFPA 72 Editions 2019, 2016, 2013, 2010, 2007

California State Fire Marshal, NYC FD



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

### Model Ordering & Specifications

Model	LTE-M Network	Cell	IP	WiFi Option**	Unique Onboard Labor/Cost-Saver Features	Electrical Input Ratings	Inputs	Input Ratings	Outputs	Output Ratings	Other Power Supply (Option)††
<b>STANDARD CELL &amp;/OR IP MODELS (ABS) 5.38 x 7.88 x 1.88" (HWD)</b>											
<b>SLE-MAXAI-FIRE</b>		Yes	Yes	Yes	2 TelCo jacks for EZ FACP Connect; 4 Programmable EOLR zone inputs; 2 Form C Relay outputs (avoids req't for supervision module)	<b>Panel-Powered Tech'y:</b> †† Input Voltage: 10-24VDC; Input Current: 115mA to 85mA standby; 325mA peak during transmissions	IN1, IN2, IN3, IN4, IN5	IN1: 9-25VDC Max Input Current: Up to 2mA from FACP NAC circuit IN2, IN3, IN4, IN5: 9-25VDC Max loop current 1.7mA	OUT1, OUT2, PGM3	OUT1, OUT2: Dry Contact, Form C Relay, 30V AC/DC, 500mA Max. PGM3 Open Collector Output Max 25VDC, Max 25V when not active. Max current 25mA@ 25V	
<b>SLE-MAXVI-FIRE</b>		Yes	Yes	Yes							
<b>CELL &amp;/OR IP MODELS IN METAL ENCLOSURE 9.63 x 11.75 x 3.38" (HWD)</b>											
<b>SLE-MAXAI-CFB</b>		Yes	Yes	Yes	2 TelCo jacks for EZ FACP Connect; 4 Programmable EOLR zone inputs; 2 Form C Relay outputs (avoids req't for supervision module)	<b>Panel-Powered Tech'y:</b> †† Input Voltage: 10-24VDC; Input Current: 115mA to 85mA standby; 325mA peak during transmissions	IN1, IN2, IN3, IN4, IN5	IN1: 9-25VDC Max input current 2mA IN2, IN3, IN4, IN5 25VDC Max, 1.2mA Max Loop Current	OUT1, OUT2, PGM3	OUT1, OUT2: Dry Contact, Form C Relay, 30V AC/DC, 500mA Max. PGM3 Open Collector Output Max 25VDC, Max 25V when not active. Max current 25mA@ 25V	
<b>SLE-MAXVI-CFB</b>		Yes	Yes	Yes							
<b>SLE-MAXAI-CFBPS</b>		Yes	Yes	Yes	2 TelCo jacks for EZ FACP Connect; 4 Programmable EOLR zone inputs; 2 Form C Relay outputs (avoids req't for supervision module)	<b>Direct AC-Powered:</b> Input Voltage: 120VAC nominal; Input Current: 200mA max; maximum charging current: 200mA	IN1, IN2, IN3, IN4, IN5	IN1: 9-25VDC Max input current 2mA IN2, IN3, IN4, IN5 25VDC Max, 1.2mA Max Loop Current	OUT1, OUT2, PGM3	OUT1, OUT2: Dry Contact, Form C Relay, 30V AC/DC, 500mA Max. PGM3 Open Collector Output Max 25VDC, Max 25V when not active. Max current 25mA@ 25V	Transformer (TRF12/ T123
<b>SLE-MAXVI-CFBPS</b>		Yes	Yes	Yes							

### ACCESSORIES:

**SLE-WIFI-MODULE** Optionally connects supported dual path models to Internet via WiFi, eliminating Ethernet cable connection. Requires 7AH battery. (\*\*See details W12191)

**SLE-ANTEXT** Optional extended range StarLink OMNI antenna w/ varying lengths of 'premium low-loss cable , from 4' to 100', & full mounting hardware & ground fault isolation mounting plate (cable length is added to part no. as suffix.)

**TRF12** Optional Plug in AC Transformer, 16.5V / 20VA (use is subject to local code compliance)††

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

**SLE-ULPS-R** Power Supply option, for installations where FACP cannot provide Aux Power.

### Also Available: Award-Winning FireLink™ Integrated Fire Alarm Control Panels, Addressable or Conventional w/ StarLink Fire Built In



#### FIRELINK FL SERIES in Original 32 Zone or XL255 Addressable cloud-programmable models

Firewolf 24V Addressable XL or Conventional Commercial Fire Alarm Control Panels offer up to 255 or 32 zones, with onboard StarLink Fire® Dual Path Cell/IP Alarm Communicator and integral menu-driven LCD annunciator. XL Model with larger enclosure supports up to 4ea 2A NAC circuits and 7A Power supply. Original 32-Zone Conventional model w/ up to 2ea 2A NAC circuits, 4amp, 24V power supply. Optionally expandable via commercial addressable or conventional fire devices. Locking, metal red enclosure, (surface or flush mount) removable door. XL255 model supports 4pair 8Ah batteries; 32 zone supports 2 pairs.

Note: Always consult technical manuals (W12465 and W12466) and/or AHJ for compliance requirements for your area/application. StarLink, StarLink Fire, FireLink, SignalBoost, Panel-Powered Technology, Gemini & Gemini Commercial are trademarks of Napco. AT&T, Verizon are trademarks of their respective companies. \*StarLink offers full data coverage in US from virtually all panel brands reporting in Contact ID or 4/2. †† For Panel-Powered technology, regulated auxiliary power outputs are required on Listed FACP. \*\*Add 45mA to input current Standby Battery requirement. ††Where permitted by AHJ; requires conduit. For full details on the StarLink tradeup incentive see online under <http://www.napcosecurity.com/starlink/starlink4gupgrade/> ††Promo subject to change w/o prior notice. NAPCO Security Technologies Inc. (NASDAQ:NSSC) A823 7/2022