

StarLink[®]

Universal Cellular
Communication
Technologies



StarLink[®]Connect



StarLink[®]Fire



StarLink[®]Intrusion



AT&T LTE or verizon[®] LTE



StarLinkConnect

Universal Cell/IP LTE Communicator & Smart Connected Services, Alerts & Hub



StarLink Connect Std. Specifications:

- **Housing:** Durable ABS plastic (white) includes three keyhole slots for mounting (easy alignment with triple gang boxes)
- **Dimensions:** 5 3/8" x 7 7/8" x 1 1/8" (HxWxD)
- **Diagnostic LED Indicators:** Three (3): Green, Signal Strength; Amber- Busy/ Activation; Red-Trouble

All models powered by the control panel

Electrical Ratings for +12V:

- **Input Voltage:** 11-15VDC (power-limited output from control panel)

Input Current:

- **Stand. C- Models:** standby current: 100mA (110mA w/ telco EOLR)
- **Z-Hub Models:** standby current: 120mA (130mA with telco EOLR)

Electrical Ratings for the IN 1 Burg/Fire Input:

- **Input Voltage:** 9-15VDC
- **Maximum Input Current:** Up to 2mA from control panel supply circuit

Ratings for IN 2 and IN 3:

- **Maximum Loop Voltage:** 15VDC
- **Maximum Loop Current:** 1.2mA
- **End of Line Resistor (EOLR) Value:** 10K

Electrical Ratings for 3 PGM Outputs:

- **Open Collector Outputs:** 3V Max., active; 15V Max., inactive
- **PGM Sink Current:** 50mA, Max

StarLink Connect Available Options:

- **SLE-DLCBL** For use with Gemini™ panels only, Napco up/download cable, sold separately
- **SLE-DLEXT** Optional, for up/downloading, extends distance from radio to panel, from 10' up to 100'
- **SLE-WIFI-MODULE** Optional plug-in module for connection to the Internet via a wireless (Wi-Fi) link, eliminating a wired Ethernet cable (for use w/ any StarLink Model)
- **IBR-TOUCH-WL** Optional Touchscreen, 1024 x 600 7" hi-res color for security and opt. automation or video control (using StarLink Connect or IBR-ZREMOTE), wireless connectivity, pwrd. by 12VDC adapter, supplied.

See Full **StarLink Connect** Model References Chart on adjacent page

Free customizable tri-fold brochures for Connected Home (A712) and Assorted Smart Business (A736, A740, A741)



AT&T LTE or verizon LTE

StarLink Connect®:

Connect with Today's Smart Cellphone-Centric Consumers

Connect to Report Alarms on Nation's Most Reliable LTE Networks

Connect All at Once, with All in-One Solution

Upgrade/Takeover Virtually Any Existing Alarm System with One Advanced Multifunction Unit:

- Provide the very latest features & the smart phone remote interactive control today's consumers and business managers want, at a fraction of the cost of others.
- Easy-to-install Cell-based Connected Business or Home - Requires No Internet Connection at Premises†
- Choice of AT&T LTE or Verizon LTE network coverage for LTE (Long Term Evolution) longest cellular lifespan Nationwide, Dependable StarLink LTE performance with dual diversity antennae & Signal Boost™ circuitry

Supports full virtual keypad that mirrors the real one & provides keypad-programming functionality



FIVE-IN-ONE:

- 1 Universal Alarm Communicator; IP &/or Cellular Alarm Dual Reporting + WiFi Option
- 2 Full Support for Growing List of Major Panels & Brands, Full Up/Downloading, i.e., Honeywell, DSC, Napco & more, hand programming ADT†
- 3 Full Virtual Keypad Smart App, Mirrors the Real Keypad on the Wall
- 4 Notifications Full Bus-Based SMS/MMS Powered by iBridge®
- 5 "Z-Hub Option" adds Z-Wave Device Control for Connected Home and Smart Business & Scenes



Dual Function Cell/IP Communicators for Downloading Honeywell & DSC

Two white StarLink satellite internet terminals are shown. Each terminal has a large, black, rectangular antenna mounted on top. The terminals are labeled 'StarLink' and have a small display screen showing 'StarLink' and '100%'.

AT&T LTE or verizon LTE



Honeywell®/First Alert®
Download Vista Panels w/ Compass



DSC®
Download DSC Panels w/DLS



NAPCO
Download Napco Panels w/ Quickloader

[illegible][illegible]



StarLink[®] LTE

Cellular Intrusion Alarm Reporting

Features:

- **Universal full event sole path cellular alarm reporting** from any panel brand, virtually anywhere
- **Dependable, full data reporting** to any Central Station nationwide via your choice of AT&T[®] LTE or Verizon[®] LTE Network.
- **Communicate alarm reports on LTE (Long Term Evolution)** for 10+ year cellular life, on cyber-protected multi-billion dollar cellular network, for maximum life safety & liability protection
- **Easiest, fastest installation** in under 10-minutes. Easy activation with auto-dialer capture; **Panel-Powered Technology[™]** (powered by the panel)
- **Patented Signal Boost[™] and Dual Diversity Antennae** for maximum signal acquisition & null avoidance, receiving signals simultaneously on both antennae
- **Over-the-Air (OTA) Upgradeable Communicator Firmware.** Remote ability for critical/mandatory updates, without a truck-roll
- **Preactivated to ensure communications - Save labor & time onsite**
- **My StarLink Remote On/Off Consumer App** for Remote Arm/Disarm any panel brand w/ keyswitch input. Also email/text message (option)
- **Free Consumer/Account Tradeup Trifold Brochure** or Statement-Stuffers you can customize
- **Backed by Napco 3-Year Full Factory Warranty**
- **Compliances: UL1610, UL985, UL1023, UL1635**
- **Exclusive StarLink Professional Tradeup Incentive** for migrating from old/sunset networks, radios, POTs or new construction (details online www.StarLinkLTE.com)



AT&T[®] LTE or verizon[®] LTE

Ordering Info, Universal Sole Path Models:

- **SLE-LTEV** Sole Path Burglary Communicator (Black), Cellular, Connected by Verizon LTE[™]
- **SLE-LTEA** Also available on AT&T LTE, Sole Path Burglary Communicator
- **SLE-LTEV-CB** Mercantile Commercial Burglary Model (Metal), Connected by Verizon LTE[™], powered directly from control panel
- **SLE-LTEA-CB** As above, but on AT&T LTE Network
- **SLE-LTEV-CB-TF** Mercantile model as above, but with plug-in AC Transformer, Connected by Verizon LTE[™]
- **SLE-LTEA-CB-TF** As above, but on AT&T LTE

Available Options:

- **MY STARLINK APP** (shown) Opt'l Consumer System On/Off Remote Service with (use w/ SLE-REMOTE)
- **SLE-DLCBL** Gemini Up/Downloading Cable for Napco Panels (Gemini, GEMC- or Firewolf)
- **A606D** Free Trifold Enduser Brochure for new and existing accounts. Use as statement Stuffer or Self-Mailer
- **A715** Business Trade-up, A716 Medical Office Tradeup, A717 School & Campus Trade-up, Free Commercial Brochures, as above



Consumer StarLink App for easy remote system on & off



PRO TIP: Look for Panels marked "StarLink Inside", including FireLink FACP's & iSecure Cellular Alarm Systems, They Save Time & Labor, by including StarLink Cellular Already Onboard.

(Note: StarLink Inside Products qualify for Pro StarLink Tradeup Incentive Program^{STOO}.)



Universal Indoor/Outdoor Performance Antennas, Complete with Ultra Premium LMR-Type Cabling

Features:

- Increase Cellular Transmission & Mounting Flexibility
- Universal use with StarLink Cellular Communicators & those of other manufacturers
- Rated for Outdoor Use - Marine Grade
- All Applications: LTE, 4G, 3G, CLR, PCS, DCS, AWS, IMT, ISM, WCDMA, cellular, WiFi and WiMax
- Excellent 700MHz LTE performance
- VSWR <1.5:1 for max power and signal range
- RoHS Compliant
- **Complete: Including Mounting Hardware & 30, 50, 75 or 100' premium low-loss LMR-type cable, plus, ground fault isolation plate (used for comm'l fire)**

Omni X Ordering Information:

- **SLE-ANTEXT30** Optional extended antenna w/ 30' ultra low-loss premium cable (9.144m) and complete hardware, including pole mount
- **SLE-ANTEXT50** As above, w/ 50' cable (15.24m)
- **SLE-ANTEXT75** As above, w/ 75' cable (22.86m)
- **SLE-ANTEXT100** As above, w/ 100' cable (30.48m)
- **SLE-LTEV-SS** StarLink Signal Strength Tester. Optional site survey tool to optimize install location. Rechargeable power pak, desktop stand & AC xformer (for recharging). (Verizon LTE network)
- **SLE-LTEA-SS** As above, for AT&T



Universal Works on All Popular Radio Brands Honeywell[®], Telguard[®], DSC[®], DMP[®], etc. (also includes connectors)



StarLink Fire



Sole & Dual Path Commercial Fire Cellular Communicators



AT&T LTE or verizon LTE

Features:

- **Universal full event sole & dual path cellular &/or IP commercial fire alarm reporting from any FACP 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 FACP's** that communicate using Contact ID and 4/2 (such as on legacy panels), as primary or backup
- **Full data reporting to any Central Station nationwide, via choice of LTE Networks, Verizon® or AT&T®.** Communicate critical life and safety alarm reports on LTE (Long Term Evolution) 10+ year life, cyber-protected multi-billion dollar cellular network, for maximum life safety & liability protection.
- **Proven to work even where other's won't - using Signal Boost™ & twin dual diversity antennas** - Max. signal acquisition & null avoidance (receives signals simultaneously on both antennas)
- **Easiest installation, powered by panel, NO extra power supply, NO extra conduit.** (Excludes Direct AC-Powered "-PS" models, with transformer option, see chart below.)[†]
- **Dual Path Cellular/IP Models Save Time & Money** - Uniquely including 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 to ensure communications** - saves time and labor onsite
- **Professional Tradeup Incentive** (online) for security professionals, on new or retrofit fire systems, i.e., tradeup missing/retired POTs lines, old radios & networks or new installations
- **Bonus: Full High-Speed Napco Panel remote uploading/downloading**
- **LED Status/Trouble Indicators** 3 Radio Status LED Indicators (visible from outside standard model housing) - Green, Signal Strength; Amber- Busy/Activation; Red-Trouble (4 add'l LEDs, not visible, for network status & troubleshooting). Power LED indicator viewable on outer metal enclosure models.
- **Over-the-Air Upgradable Communicator Firmware.** Remote ability for critical/mandatory updates, without a truck-roll
- **Choice of plans** (varies by model) - check-ins from 200 seconds to 5-minutes, and from 1 hour; up to 6 hours for dual path
- **Cost-saving models and plans for any code requirement.** Dramatic savings over monthly dedicated landline charges.
- **Compliances** - NFPA 72 Editions: 2019, 2016, 2013, 2010, 2007; UL 864, 10th., UL1610, UL985, UL1023, NYCFD; CSFM; LAFD

New Dual Path Fire Models' with EZ-Connect FACP modular jacks & self-supervision

Metal Models with either Plug-in Transformer, or Direct AC-Powered (120VAC)



Free Commercial Fire LTE Tradeup Trifold Brochures / Mailers/ Stuffers (A747)




Complete StarLink Fire Model Ordering & Specifications

	LTE Network	Cell	IP	WiFi Option**	Onboard Cost-Savers	Electrical Input Ratings	Inputs	Input Ratings	Outputs	Output Ratings	Other Power Supply
STANDARD MODELS (ABS) 5.38 x 7.88 x 1.88" (HWD)											
SOLE PATH											
SLE-LTEA-FIRE	AT&T	✓	-	—	—	Panel-Powered Tech'y:†† Input Voltage/Input Current: 10V = 90mA; 12-25V = 71mA, 200mA peak during transmissions	IN1, IN2, IN3	IN1: 9-25VDC Max input current 2mA IN2, IN3: 9-25VDC Max input current 1.2mA	PGM1, PGM2, PGM3	Open Collector Outputs Max 3V when active, Max 25V when not active. Max current 24mA@ 25V	—
SLE-LTEV-FIRE	verizon	✓	-	—							
DUAL PATH											
SLE-LTEAI-FIRE	AT&T	✓	✓	✓	—	Panel-Powered Tech'y:†† Input Voltage: 10-25VDC. Input Current: 162mA to 100mA standby; 300mA peak during transmissions	IN1, IN2, IN3, IN4, IN5	IN1: 9-25VDC Max input current 2mA IN2, IN3, IN4, IN5: 9-25VDC Max input current 1.2mA	OUT1, OUT2, PGM3	OUT1, OUT2: Dry Contact, Form C Relay, 30VAC/DC, 500mA Max PGM3: Open Collector Outputs Max 3V when active, Max 25V when active. Max current 24mA@ 25V	—
SLE-LTEVI-FIRE	verizon	✓	✓	✓							
MODELS IN METAL ENCLOSURE 9.63 x 11.75 x 3.38" (HWD)											
SOLE PATH											
SLE-LTEA-CFB	AT&T	✓	-	—	—	Panel-Powered Tech'y:†† Input Voltage/Input Current: 10V = 90mA; 12-25V = 71mA, 200mA peak during transmissions	IN1, IN2, IN3	IN1: 9-25VDC Max input current 2mA IN2, IN3: 9-25VDC Max input current 1.2mA	PGM1, PGM2, PGM3	Open Collector Outputs Max 3V when active, Max 25V when not active. Max current 24mA@ 25V	—
SLE-LTEV-CFB	verizon	✓	-	—							
SLE-LTEA-CFB-PS	AT&T	✓	-	—	—	Direct AC-Powered: Input Voltage: 120VAC nominal Input Current: 150mA max; maximum charging current: 200mA	IN1, IN2, IN3	IN1: 9-25VDC Max input current 2mA IN2, IN3: 9-25VDC Max input current 1.2mA	PGM1, PGM2, PGM3	Open Collector Outputs Max 3V when active, Max 25V when not active. Max current 24mA@ 25V	Transformer (TRF12 16VAC, 20VA transformer)
SLE-LTEV-CFB-PS	verizon	✓	-	—							
DUAL PATH											
SLE-LTEAI-CFB	AT&T	✓	✓	✓	2 TelCo jacks for EZ FACP Connect; 4 Programmable EOLR zone inputs; 2 Form C Relay outputs (avoids req't for supervision module)	Panel-Powered Tech'y:†† Input Voltage: 10-25VDC. Input Current: 162mA to 100mA standby; 300mA peak during transmissions	IN1, IN2, IN3, IN4, IN5	IN1: 9-25VDC Max input current 2mA IN2, IN3, IN4, IN5: 9-25VDC Max input current 1.2mA	OUT1, OUT2, PGM3	OUT1, OUT2: Dry Contact, Form C Relay, 30VAC/DC, 500mA Max PGM3: Open Collector Outputs Max 3V when active, Max 25V when active. Max current 24mA@ 25V	—
SLE-LTEVI-CFB	verizon	✓	✓	✓							
SLE-LTEAI-CFB-PS	AT&T	✓	✓	✓	2 TelCo jacks for EZ FACP Connect; 4 Programmable EOLR zone inputs; 2 Form C Relay outputs (avoids req't for supervision module)	Direct AC-Powered: 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: 9-25VDC Max input current 1.2mA	OUT1, OUT2, PGM3	OUT1, OUT2: Dry Contact, Form C Relay, 30VAC/DC, 500mA Max PGM3: Open Collector Outputs Max 3V when active, Max 25V when active. Max current 24mA@ 25V	Transformer (TRF12 16VAC, 20VA transformer)
SLE-LTEVI-CFB-PS	verizon	✓	✓	✓							


Note: Always consult technical manual and/or AHJ for compliance requirements for your area/application. *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 40mA to input current & Standby Battery requirement. †Where permitted by AHJ; requires conduit.

StarLink Universal Cellular Communicators for Every Application


Commercial Fire Cellular Reporting

	Model	Carrier	Cell	IP	Universal Panel Support	Panel-Powered (or other power)	15 Min. Install/Takeover	Signal Boost & Dual Diversity LTE Antennae	Special Features	Sunsets/POTs Tradeup Program	Compliances
	SLE-LTEV-FIRE	verizon	✓		12V/24V FACP's	✓	✓ No Xtra Power sply or conduit req'd.	✓	Replace 2 phone lines/FACP for dramatic savings vs. POTs	\$	UL 864 10 th Ed, NFPA 72, CSFM, NYCFCF, LAFD
	SLE-LTEA-FIRE	AT&T	✓	✓	12V/24V FACP's	✓	✓ No Xtra Power sply or conduit req'd.	✓	Replace 2 phone lines/FACP for dramatic savings vs. POTs	\$	UL 864 10 th Ed, NFPA 72, CSFM, NYCFCF, LAFD
	SLE-LTEVI-FIRE	verizon	✓	✓	12V/24V FACP's	✓	✓ No Xtra Power sply or conduit req'd.	✓	Replace 2 phone lines/FACP for dramatic savings vs. POTs	\$	UL 864 10 th Ed, NFPA 72, CSFM, NYCFCF, LAFD
	SLE-LTEAI-FIRE	AT&T	✓	✓	12V/24V FACP's	✓	✓ No Xtra Power sply or conduit req'd.	✓	Replace 2 phone lines/FACP for dramatic savings vs. POTs	\$	UL 864 10 th Ed, NFPA 72, CSFM, NYCFCF, LAFD
	SLE-LTEV-CFB	verizon	✓	✓	12V/24V FACP's	✓	✓ No Xtra Power sply or conduit req'd.	✓	Replace 2 phone lines/FACP for dramatic savings vs. POTs	\$	UL 864 10 th Ed, NFPA 72, CSFM, NYCFCF, LAFD
	SLE-LTEA-CFB	AT&T	✓	✓	12V/24V FACP's	✓	✓ No Xtra Power sply or conduit req'd.	✓	Replace 2 phone lines/FACP for dramatic savings vs. POTs	\$	UL 864 10 th Ed, NFPA 72, CSFM, NYCFCF, LAFD
	SLE-LTEVI-CFB	verizon	✓	✓	12V/24V FACP's	✓	✓ No Xtra Power sply or conduit req'd.	✓	Replace 2 phone lines/FACP for dramatic savings vs. POTs	\$	UL 864 10 th Ed, NFPA 72, CSFM, NYCFCF, LAFD
	SLE-LTEAI-CFB	AT&T	✓	✓	12V/24V FACP's	✓	✓ No Xtra Power sply or conduit req'd.	✓	Replace 2 phone lines/FACP for dramatic savings vs. POTs	\$	UL 864 10 th Ed, NFPA 72, CSFM, NYCFCF, LAFD
	SLE-LTEV-CFB-PS	verizon	✓	✓	12V/24V FACP's	Direct 120VAC with Power Sply; Plug-in Xformer; batt'y opt.	✓ No Xtra Power sply or conduit req'd.	✓	Replace 2 phone lines/FACP for dramatic savings vs. POTs	\$	UL 864 10 th Ed, NFPA 72, CSFM, NYCFCF, LAFD
	SLE-LTEA-CFB-PS	AT&T	✓	✓	12V/24V FACP's	Direct 120VAC with Power Sply; Plug-in Xformer; batt'y opt.	✓ No Xtra Power sply or conduit req'd.	✓	Replace 2 phone lines/FACP for dramatic savings vs. POTs	\$	UL 864 10 th Ed, NFPA 72, CSFM, NYCFCF, LAFD
	SLE-LTEVI-CFB-PS	verizon	✓	✓	12V/24V FACP's	Direct 120VAC with Power Sply; Plug-in Xformer; batt'y opt.	✓ No Xtra Power sply or conduit req'd.	✓	Replace 2 phone lines/FACP for dramatic savings vs. POTs	\$	UL 864 10 th Ed, NFPA 72, CSFM, NYCFCF, LAFD
	SLE-LTEAI-CFB-PS	AT&T	✓	✓	12V/24V FACP's	Direct 120VAC with Power Sply; Plug-in Xformer; batt'y opt.	✓ No Xtra Power sply or conduit req'd.	✓	Replace 2 phone lines/FACP for dramatic savings vs. POTs	\$	UL 864 10 th Ed, NFPA 72, CSFM, NYCFCF, LAFD

Cellular Intrusion Alarm Reporting

	Model	Carrier	Cell	IP	Universal Panel Support	Panel-Powered (or other power)	10 Min. Install/Takeover	Signal Boost & Dual Diversity LTE Antennae	Special Features	Sunsets/POTs Tradeup Program	Compliances
	SLE-LTEV	verizon	✓		✓	✓	✓	✓	Remote On/Off App	\$	UL 1610, 985, 1023, 1635
	SLE-LTEA	AT&T	✓		✓	✓	✓	✓	Remote On/Off App	\$	UL 1610, 985, 1023, 1635
	SLE-LTEV-CB	verizon	✓		✓	✓	✓	✓	Remote On/Off App	\$	UL 1610, 985, 1023, 1635
	SLE-LTEA-CB	AT&T	✓		✓	✓	✓	✓	Remote On/Off App	\$	UL 1610, 985, 1023, 1635
	SLE-LTEV-CB-TF	verizon	✓		✓	Plug-in Xformer; Battery option	✓	✓	Remote On/Off App	\$	UL 1610, 985, 1023, 1635
	SLE-LTEA-CB-TF	AT&T	✓		✓	Plug-in Xformer; Battery option	✓	✓	Remote On/Off App	\$	UL 1610, 985, 1023, 1635

Connected Home & Business Cell/IP Reporting, &/or Automation Hub

	Model	Carrier	Cell	IP	Universal Panel Support	Panel-Powered (or other power)	10 Min. Install/Takeover	Signal Boost & Dual Diversity LTE Antennae	Special Features	Sunsets/POTs Tradeup Program	Panel Remote or Hand Programming	Compliances
	SLE-LTEV-C	verizon	✓	✓	✓	✓	✓	✓	SMS msg & virtual keypad for Honeywell/ADT, DSC, Gemini	\$	Honeywell/ADT, DSC, Napco	UL 1610, 985
	SLE-LTEA-C	AT&T	✓	✓	✓	✓	✓	✓	SMS msg & virtual keypad for Honeywell/ADT, DSC, Gemini	\$	Honeywell/ADT, DSC, Napco	UL Pending
	SLE-LTEV-Z	verizon	✓	✓	✓	✓	✓	✓	Smart Z-Wave Control, SMS msg & virtual keypad for Honeywell/ADT, DSC, Gemini	\$	Honeywell/ADT, DSC, Napco	UL 1610, 985
	SLE-LTEA-Z	AT&T	✓	✓	✓	✓	✓	✓	Smart Z-Wave Control, SMS msg & virtual keypad for Honeywell/ADT, DSC, Gemini	\$	Honeywell/ADT, DSC, Napco	UL Pending
	SLE-LTEV-CDL	verizon	✓	✓	✓	✓	✓	✓	Dual Function: Cell/IP & Native Up/Download & Honeywell; DSC & Napco	\$	Honeywell/ADT, DSC, Napco	UL Pending
	SLE-LTEA-CDL	AT&T	✓	✓	✓	✓	✓	✓	Dual Function: Cell/IP & Native Up/Download & Honeywell; DSC & Napco	\$	Honeywell/ADT, DSC, Napco	UL Pending
	SLE-LTEV-CBTF-C	verizon	✓	✓	✓	Plug-in Xformer; Batt'y opt.	✓	✓	SMS msg & virtual keypad for Honeywell/ADT, DSC, Gemini	\$	Honeywell/ADT, DSC, Napco	UL 1610, 985
	SLE-LTEA-CBTF-C	AT&T	✓	✓	✓	Plug-in Xformer; Batt'y opt.	✓	✓	SMS msg & virtual keypad for Honeywell/ADT, DSC, Gemini	\$	Honeywell/ADT, DSC, Napco	UL Pending