

# FireLink<sup>XL</sup> 255 FACP

## Integrated Addressable 255 Pt. Fire Alarm Control Panel & Cellular/IP Communicator

### FEATURING:

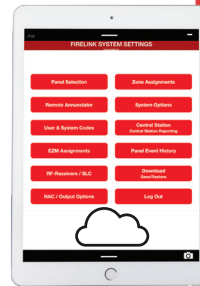
- Lowest Equipment Cost Available for Any Full-Featured Cellular Reporting Fire Alarm Solution
- Saves Both Installation Time & Money
- Award-Winning All-in-One Design - Cellular Alarm Reporting, with Nation's largest multibillion dollar, extensively deployed cyberprotected networks nationwide
- Proven NAPCO StarLink Fire® Sole or Dual Path or Cell/IP High-Performance Dual Diversity Twin Antennas & Signal Boost™ Circuitry for greater range & reliability
- Powerful FACP Addressable 128 to 255 Point Fire Alarm Control Panel, 128 addressable points fire zones, expandable to 255 w/ one module
- Cloud-based Programming from any smart device. Eliminates the need for software, training or lugging a PC
- Powerful 7A/24V Onboard Power Supply
- NFPA & UL Code Compliant

### FIRELINK SYSTEM SPECIFICATIONS:

- **FACP:** Addressable 128 to 255 Point Fire Alarm Control Panel; 4 programmable NAC circuits, 2A max @ 24V each or 4 programmable NAC circuits, 6.5A max @ 24V
- **Built-In Annunciator:** Menu-driven operation with backlit custom alphanumeric display and functionality for Reset, Acknowledge, Silence (with disable). Also Remote Annunciator, matching functionality (FL-FK1, red)
- **Onboard Cellular &/or IP Communicator, Commercial Fire (StarLink Fire®):** Reports on cyberprotected multibillion-dollar cellular network replaces 2 POTs lines
- Sole or Dual Path, Reports to any Central Station, via dial up or IP, without any special equipment.
- Integrated sync and smart operation support on each NAC for System Sensor™ and Wheelock® Notification Devices
- Power Supply, 7A @ 24V
- 2 Onboard serial ports - one for high-speed local downloading
- **New! Fully Cloud Programmable** - mobile friendly, Preprogrammed, or optional Quickloader® Software custom programmable.
- Locking Mercantile Enclosure for surface mount\* or recess mounting (between the studs) 16"x 25" x 5.2" (H x W x D) without cover. Houses up to 32Ah @ 24V battery backup capacity.  
\* Note: For flush mount applications, use external antennas (see ordering info.)
- 36-Month Napco Warranty

### FACP EXPANSION OPTIONS

- Expandable to 255 Pts. (with one module (GEMC-FWSLC); SLC addressable or conventional fire devices
- Main FACP board supports 1 Addressable Fire SLC (addressable Signaling Line Circuit controllers)
- Fire 4-wire bus for annunciators and non-SLC (conventional) devices, including 12V devices
- Supports up to 6 additional Red FireLink fire annunciators, FL-FK1 or GEMC-FK1s, mounted anywhere on the bus (flashable/updatable firmware)
- Addressable SLC Loop Isolator (optional use - for fire applications requiring increased circuit integrity, e.g., meets Class A, Style 7 loop requirements.
- SLC Fire Devices supported: Analog smoke detector, analog heat detector, duct detector, pull station, conventional zone module & short circuit isolator



Optional FireLink Remote Annunciator, FL-K1 shown

### FACP INPUTS

- Up to 255 Zones/Points from a wide range of initiating devices (see ordering info.)
- Addressable SLC Loop - supports 128Pts., expandable to 255
- SLC Fire Devices supported: analog smoke detector, analog heat detector, duct detector, pull station, conventional zone module & short circuit isolator
- Conventional 1- to 4-zone EZM Expansion modules on the 4-wire fire bus or SLC loops
- Conventional 2-wire or 4-wire smoke detector inputs

### FACP OUTPUTS

- Up to 96 outputs
- Four onboard Class B or 1 Class A NAC circuits, 2 amps each, total 2A @ 24V; Up to 24
- Onboard Wheelock and System Sensor NAC sync/strobe/horn protocol allows initial silence of audible appliances while maintaining visual notification, without the use of additional modules
- Addressable SLC Fire Devices: Supervised relay, unsupervised relay
- Fire 4-wire bus devices: 8 zone form C relay (GEMC-RM3008), 8 open collector output (GEMC-OUT8)
- Support for Legacy and Existing Notification Appliances - Two NAC outputs configurable for 12V for easy retrofit compatibility
- Automatic drift compensation for SLC smoke detectors
- Programmable obscuration level by smoke detector device
- Tri-Mode Smoke Obscuration Report (for addressable detectors) generated remotely or locally (see W12309LF instructions)

## SOLE/DUAL PATH CELLULAR/IP COMMUNICATOR SPECS

- Integrated StarLink Fire Cellular Communicator® - Code-compliant, replaces 2 POTs lines to save thousands of dollars per year over leased landlines.
- Sole or Dual Path Cell/IP for redundant reporting (selectable when choosing plan).
- Reports to any Central Station, via dial up or IP, without any special equipment.
- Broadest coverage footprint available, using LTE CAT1, for the best, fastest coast-to-coast StarLink coverage
- Communicates critical life and safety alarm reports on cyberprotected multibillion-dollar cellular networks, for maximum security & liability protection
- Easy, flexible 24/7 activation & online account management - Ultra-affordable plans are available to meet various codes and requirements, with supervisory check-ins from 200 seconds, to 5-minutes; 1 hour or 6 hours..
- Patented Signal Boost™ signal amplification circuit and high-gain **dual diversity, precision LTE twin antenna design & Signal Boost™** circuitry ensure greater range & reliability, maximizing signal acquisition and null-avoidance, receiving signals simultaneously on both antennas
- Operating Environment: 0 to 49° C (32-120°F), up to 93% humidity (non-condensing)

**Agencies, Compliance: UL 864 10th Ed., UL 1635 & NFPA 72 Eds.**  
**2016, 2013, 2010, 2007, CSFM, LAFD, FDNY COA**

## ORDERING INFORMATION

**FL-FACP-255-LTVI New FireLink FACP XL 255** with sole /dual path cell &/or IP communicator & annunciator built in. (4 on board NACs providing up to 6.5A notification power). Locking, Mercantile Red Enclosure, (surface or flush mount\*), removable 16" x 25" door, with 14.25" x 16" base. Houses up to 32Ah battery backup. \* Note: For flush mount applications, use external antennas (see SLE-ANTEXT75..., below)

**FL-FACP-255LTAI** As above but with AT&T Network.

**Optional Extended Antenna** (pro-grade conical shape), with 4' - 100' cable. With 30' cable (SLE-ANTEXT30).

For full line go to: [www.napcosecurity.com/media/pdfs/A745B-SLE-ANTEXT.pdf](http://www.napcosecurity.com/media/pdfs/A745B-SLE-ANTEXT.pdf)

**Also see Original FireLink 32 Zone Conventional FL-FACP32 LTVS & -LTVS models (VZ & ATT) & additional peripherals below**



Optional FireLink Remote Annunciator, FL-K1 shown



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### Addressable Peripherals

GEMC-FW-SLC	Addressable <b>SLC Fire Module</b> , supports up to 128 addressable SLC fire devices, below. Up to 2 connect to Panel.
FWC-FSLC-SMK	Addressable <b>Analog SLC Smoke</b> , photoelectric, head**
FWC-FSLC-HEAT	Addressable <b>Analog SLC Heat</b> , 135 - 150°F, head**
FWC-FSLC-DUCT	Addressable <b>SLC Duct smoke detector</b> , photoelectric (Requires use of GEMC-24VR Voltage Regulator) Incl's 2 onboard relays that follow state of detector.
FWC-FSLC-DUCTRA	<b>Remote Indicator Plate</b> with LED indicator & key reset.
FWC-FSLC-EZM2	Addressable <b>SLC 2-zone conventional expansion</b> module. Uses one address on SLC loop, but yields 2 indep. contact monitoring circuits, for pull stations, water flow and other dry contact alarm initiating devices.
FWC-FSLC-EZM1	Addressable <b>SLC 1-input conventional</b> module, similar to usage above.
FWC-FSLC-CZM	Addressable <b>SLC Conventional Zone module</b> , for monitoring of dry contacts, i.e., pull stations and conv. smokes (Requires use of GEMC-24VR Voltage Regulator) Creates a 24V 2-wire fire zone on the SLC loop, selectable Class A or B zone wiring.
FWC-FSLC-RM2	Addressable <b>SLC 2-output module</b> (requires 2 SLC addresses)
FWC-FSLC-ISO	Addressable <b>SLC Short Circuit Module</b> (Optional: For special applications, meets Class A, Style 7 loop reqts.)
FWC-FSLC-SOM1	Addressable <b>SLC Fire supervised output module</b> . Application examples: elevator recall, HVAC shutdown, add'l NAC output w/ power supply (Requires use of GEMC-24VR Voltage Regulator)
FWC-FSLC-PULL	Addressable <b>SLC Fire Pull Station</b> , standard hex-key reset.
FWC-FSLC-PULLK	Addressable <b>SLC Fire Pull Station, with key</b> reset.
FWC-FSLC-PULL2	<b>Dual action</b> , pull station with hex-key reset.
FWC-FSLC-PULL2K	<b>Dual action pull station, with key</b> reset.
FWC-FSLC-PROG2	<b>Tool for address-programming</b> SLC devices
FWC-FSLC-SMK6B	** Smoke/Heat 6" Base, required for FWC-FSLC- SMK and -HEAT devices, above

### Conventional Fire System Peripherals

GEMC-FK1	<b>LCD Fire Red Annunciator</b> (Menu-driven operation, functionality for Reset, Acknowledge, Silence (with disable).
FL-FK1	FireLink-Branded version of above (red)
GEMC-EZM8	<b>8-point Expansion</b> Module
FWC-CNV-PULL	Conventional <b>Single Action Pull Station</b> , with Hex Reset
FWC-CNV-PULLK	Conventional <b>Single Action Pull Station</b> , with Key Reset
FWC-CNV-PULL2	Conventional <b>Dual Action Pull Station</b> , with Hex Reset
FWC-CNV-PULL2K	Conventional <b>Dual Action Pull Station, with Key</b> Reset



# NAPCO

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