FireLink® FACP   FL-FACP-LTEVS

Integrated Fire Alarm Control Panel & LTE Cellular 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, Connected by Verizon®, LTE Network for longest cellular lifespan available, 10+ years most extensively deployed cyberprotected LTE network nationwide
- Proven NAPCO StarLink Fire® Sole Path Cell High-Performance Dual Diversity Twin Antennae & Signal Boost™ Circuitry for greater range & reliability
- Powerful FACP with 8 Conventional Points, preprogrammed
- Cloud-based or Software Option for Custom PC-programming: Expandable up to 32 Points, including Conventional, Addressable & Gemini UL Commercial Wireless Devices
- Powerful 4A Onboard Power Supply
- NFPA & UL Code Compliant **+**

FIRELINK SYSTEM SPECIFICATIONS:

- **FACP:** 8 to 32 Zone Conventional Fire Alarm Control Panel (Firewolf®), 8 conventional fire zones, suitable for 2-wire fire, expandable to 32; 2 programmable NAC circuits, 2A max @ 24V
- **Annunciator:** Menu-driven operation with backlit custom alphanumeric display and functionality for Reset, Acknowledge, Silence (with disable).
- **Sole Path LTE Cellular Communicator, Commercial Fire (StarLink Fire®) Onboard:** Reports on cyberprotected multibillion-dollar cellular LTE (long term evolution) networks, for maximum longevity, security & liability protection, code-compliant, replaces 2 POTs lines
- 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, 4A @ 24V
- Regulated Auxiliary Power Supply – Commercial fire, 12V regulated 2A
- 2 Onboard serial ports – one for high-speed local downloading
- *New! Fully Cloud Programmable,* Preprogrammed, or optional Quickloader® Software custom programmable.
- Conveniently Preprogrammed – **Default Program**

• Zone 1 Waterflow	• Zone 6 Conventional Fire Zone
• Zone 2 Supervisory (Tamper)	• Zone 7 Conventional Fire Zone
• Zone 3 Conventional Fire Zone	• Zone 8 Supervisory (Cell/IP
• Zone 4 Conventional Fire Zone	Communicator Trouble)
• Zone 5 Conventional Fire Zone	• *Plus Expansion up to 32 Zones/Points*

- Locking Mercantile Enclosure for surface mount***** or recess mounting (between the studs) 16"x 14.25" x 5.2" (H x W x D) without cover. Houses up to 16Ah @ 24V battery backup capacity. * Note: For flush mount applications, use external antennae (see ordering info.)
- 36-Month Napco Warranty

FACP EXPANSION OPTIONS

- Expandable with conventional, SLC addressable or commercial wireless 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 fire annunciators, GEMC-FK1, 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

Cloud Programming

FACP INPUTS

- Up to 32 Zones/Points from a wide range of initiating devices (see ordering info.)
- Addressable SLC Loop – supports up to 1, 32 point loop
- Commercial RF Receiver supports GEMC Commercial Wireless Fire devices: Wireless Smoke Detector, Wireless Heat Detector, Wireless contact transmitter (for waterflow, tamper, pull stations, etc.) Model GEMC-WL-WD2
- 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
- SLC Fire Devices supported: analog smoke detector, analog heat detector, duct detector, pull station, conventional zone module & short circuit isolator

FACP OUTPUTS

- Up to 96 outputs
- Two onboard Class B or 1 Class A NAC circuits, 2 amps each, total 2A @ 24V
- 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 – One NAC output configurable for 12V for easy retrofit compatibility
- UL Regulated NAC output
- 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 WI2309LF instructions)

SOLE PATH LTE CELLULAR COMMUNICATOR SPECS

- Integrated StarLink Fire Cellular Communicator® - Code-compliant, replaces 2 POTs lines to save thousands of dollars per year over leased landlines.
- LTE® (Long Term Evolution) promises the longest cellular lifespan, delivering over 10+ years service for your accounts †
- Reports to any Central Station, via dial up or IP, without any special equipment.
- Broadest coverage footprint available, Connected by Verizon®. Using LTE CAT1, the most extensively deployed LTE Network in the country, for the best, fastest coast-to-coast StarLink LTE 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 antennae design & Signal Boost™** circuitry ensure greater range & reliability, maximizing signal acquisition and null-avoidance, receiving signals simultaneously on both antennae
- 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-LTEVS (shown below) Firewolf 8 Zone 24V Conventional Commercial Fire Alarm Control Panel with onboard StarLink Fire® Sole Path, Verizon LTE Cellular Alarm Communicator and integral menu-Driven LCD annunciator, w/ 4 Amp, 24V Power Supply. Optionally expandable up to 32 Points /Zones via commercial addressable, wireless or conventional fire devices (2 on board NACs providing up to 4A notification power). Locking, Mercantile Red Enclosure, (surface or flush mount*), removable 16 x 17" door, with 14.25" x 16" base. Houses up to 16Ah battery backup. * Note: For flush mount applications, use external antennae (see SLE-ANTEXT75..., below)

FL-FACP32-LTEA As above but with AT&T LTE Network.

WI2309LF Installation Manual for FireLink® FACP 32 Series

SLE-ANTEXT75 Optional Extended Antenna (new pro-grade conical shape), with 75' cable. [Versions also available with 50' cable (SLE-ANTEXT50) or 30' cable (SLE-ANTEXT30).]

***Also see new Dual Path models (VZ & ATT)
& additional peripherals below***

FireLink® FACP
FL-FACP-LTEVS

Conventional Fire System Peripherals

GEMC-FK1	**LCD Fire Red Annunciator** (Menu-driven operation, functionality for Reset, Acknowledge, Silence (with disable).
GEMC-EZM8	**8-point Expansion** Module
FWC-CNV-PULL	Conventional S**ingle Action Pull Station,** with Hex Reset
FWC-CNV-PULLK	Conventional **Single Action Pull Station,** with Key Reset
FWC-CNV-PULL2	Conventional **Dual Action Pull Station,** with Hex Reset
FWC-CNV-PULL2K	Conventional **Dual Action Pull Station, with Key** Reset

Commercial Wireless Peripherals

GEMC-WL-SMK	Gemini Commercial **Wireless Smoke**, Photoelectric (complete).
GEMC-WL-HEAT	Gemini Commercial **Wireless Heat**, 135° F
GEMC-WL-WD2	Gemini Comml **Wireless Input Module** converts any UL listed device into a UL wireless device (ex., pull stations or sprinkler supervisories.)
GEMC-REVC	Gemini Commercial **Wireless 255 point RF Receiver** (up to 4 per system, max.)
GEMC-WL-CO	Gemini **Wireless Carbon Monoxide Detector**

Addressable Peripherals

GEMC-FW-SLC	Addressable **SLC Fire Module**, supports up to 128 addressable SLC fire devices, below. Up to 2 connect to Panel.
FWC-FSLC-SMK	Addressable **Analog SLC Smoke**, photoelectric, head**
FWC-FSLC-HEAT	Addressable **Analog SLC Heat**, 135 - 150°F, head**
FWC-FSLC-DUCT	Addressable **SLC Duct** smoke detector, photoelectric (Requires use of GEMC-24VR Voltage Regulator) Inclds 2 onboard relays that follow state of detector.
FWC-FSLC-DUCTRA	**Remote Indicator Plate** with LED indicator & key reset.
FWC-FSLC-EZM2	Addressable **SLC 2-zone conventional expansion** 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 **SLC 1-input conventional** module, similar to usage above.
FWC-FSLC-CZM	Addressable **SLC Conventional Zone module**, 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 **SLC 2-output module** (requires 2 SLC addresses)
FWC-FSLC-ISO	Addressable **SLC Short Circuit Module** (Optional: For special applications, meets Class A, Style 7 loop reqts.)
FWC-FSLC-SOM1	Addressable **SLC Fire supervised output module**. Application examples: elevator recall, HVAC shutdown, add'l NAC output w/ power supply (Requires use of GEMC-24VR Voltage Regulator)
FWC-FSLC-PULL	Addressable **SLC Fire Pull Station**, standard hex-key reset.
FWC-FSLC-PULLK	Addressable **SLC Fire Pull Station, with key** reset.
FWC-FSLC-PULL2	**Dual action, pull station** with hex-key reset.
FWC-FSLC-PULL2K	**Dual action pull station, with key** reset.
FWC-FSLC-PROG2	**Tool for address-programming** SLC devices
FWC-FSLC-SMK6B	** **Smoke/Heat 6" Base**, required for FWC-FSLC- SMK and –HEAT devices, above

NAPCO

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