CELL-CAB-N & CELL-MOD Cellular Fire Alarm Communicators

General

The CELL-CAB-N and CELL-MOD are cellular communicator options for NOTIFIER FireWarden-X Series addressable fire alarm control panels (FACPs).

These GSM communicators provide cellular communication as an alternate method of central station reporting. Combined with the FACP's onboard communicator, they provide dual path cellular and IP reporting capability, while eliminating the need and cost of separate dialer capture modules and special programming. Battery backup from the control panel maximizes overall system efficiency.

Small in size, easy to install, with a programmable supervision time of 1-60 minutes, these communicator models can be positioned remotely from the fire alarm control panel via 4-wire serial bus for optimum reception. The CELL-CAB-N and CELL-MOD are UL 864 and NFPA 72 fire code compliant for sole, primary, or backup communications. They work with AlarmNet® to provide a UL-listed connection to the central station.

The CELL-CAB-N includes a GSM communicator within a metal cabinet enclosure with lock and key and includes an external antenna. The CELL-MOD houses the GSM communicator in a plastic enclosure and has an option for an external antenna.



CELL-CAB-N

Compatibility

The CELL-CAB-N and CELL-MOD are compatible with the following FireWarden-X Series FACPs:

- NFW-50X: 50 point addressable FACP
- NFW-100X: 198 point addressable FACP

Features

- Communicate directly with FireWarden-X Series panels
- Easy installation - no need for special programming or separate dialer module
- Battery backup provided by the panel to increase system efficiency and decrease cost
- Provide dual-path cellular and IP reporting capability
- UL 864 and NFPA 72 code compliant for sole, primary, and backup communications
- Easily managed accounts through on-line management tools
- Remote mounting up to 6,000 feet (1,828.8m)
- Quality of Service (QOS) diagnostics via AlarmNet convey vital communicator information such as when messages are received, signal strength, and message path used
- Programmable supervision time from 1-60 minutes
- Provide full data reporting using Contact ID format

PHYSICAL

CELL-CAB-N: 10.38"W x 10.165"H x 3.176"D (26.37cm x 25.82 cm x 8.07cm)

CELL-MOD: 7.809"W x 5.982"H x 1.5"D (19.83cm x 15.19cm x 3.81cm)

Shipping Weight:

- CELL-MOD: 1.3 lbs (589.7 g)
- CELL-CAB-N: 5.2 lbs (2.36 Kg)

Color: Red (CELL-MOD), Black (CELL-CAB-N)

ENVIRONMENTAL

Operating Temperature: 32°F to 120°F (0°C to 49°C)

Humidity: 10 to 93% relative humidity (non-condensing)

ELECTRICAL

Standby Current: 55mA

Alarm Current: 100mA

RADIO TRANSCEIVER

- 3G Cellular Radio
- UMTS WCDMA FDD 850/1900MHz
- FCC part 15, 22, 24, and 68 compliant

COMMUNICATION PROTOCOLS

- HSPA+ (4G) and HSPA (HSDPA & HSUPA) (3G)

ORDERING INFORMATION

CELL-CAB-N: Cellular module housed in metal cabinet with lock and key. Includes external antenna

CELL-MOD: Cellular module housed in plastic enclosure. (External antenna sold separately)

CELL-ANTENNA: 3dB gain external/remote antenna

NFW-50X: 50 point addressable FACP with pre-installed IPOTS-COM communicator

NFW-100X: 198 point addressable FACP with pre-installed IPOTS-COM communicator

IPOTS-COM: Dual technology (POTS and IP) communicator (replacement board) for the FireWarden-X Series panels

APPROVALS

- **UL:** S3511 (CELL-MOD), S635 (CELL-CAB-N)
- **FCC ID:** CFS8DLPHS8-US

ISO 9001 CERTIFIED
ENGINEERING & MANUFACTURING QUALITY SYSTEMS

This document is not intended to be used for installation purposes.
We try to keep our product information up-to-date and accurate.
We cannot cover all specific applications or anticipate all requirements.
All specifications are subject to change without notice.

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