LTE Universal Wireless Commercial Fire Alarm Communicator

LE4010CF-BL(Bell)
LE4010CF-RG (Rogers)

Features That Make a Difference:

- Uses LTE network for high- speed, reliable and low-cost communications to an IP receiver
- Automatically switches to 3G (HSPA/HSPA+) if LTE service is not available
- Compatible with control panels that communicate using Contact ID or SIA (300 baud) formats
- Full event reporting
- 4 on-board inputs with NC, NO or SEOL supervision
- 4 on-board outputs (open collector)
- Activation and initialization via website or mobile interface provided by C24 Communications
- View communicator status directly from your mobile phone to support on-site or remote troubleshooting
- Compatible with Sur-Gard® System I-IP/II/III/IV/5 monitoring station receivers
- Includes ULC listed power supply, transformer and 7 Ah rechargeable battery
- ULC 864 listed

Ensure your installations are future-ready, with LTE.

2G/3G network sunsets are already on the horizon. Some of them have already been completed worldwide. Now's the time to adopt and adapt by switching to 4G-LTE to offer customers long-lasting investment protection and reduce your future truck rolls.

The LE4010CF connects the separately ULC listed Fire Alarm Control Panel (FACP) to the 4G-LTE Cellular network and reports alarm signals directly to a ULC listed Signal Receiving Station alarm receiver (Sur-Gard System I-IP/II/III/IV/5). The LE4010CF uses the 4G-LTE Cellular network to ensure low-cost, high-speed, and reliable alarm communications. This product is compatible with control panels that have an integral dialer capable to communicate using the Contact ID or SIA (300 baud) format.

The LE4010CF is compliant with the requirements for Communications Methods as per ULC-S559 and ULC-S561. It can be used in Fire Monitoring applications as a single communications technology. In this case any failure of the communications path shall be annunciated within 180 seconds of the failure. It can also be used as part of a multiple communications technologies passive communications paths (for example in conjunction with a DACT). When used as a Passive Communication System, provision shall be made to monitor the integrity of each communication path. Failure of any communications path shall be annunciated to the supervising station and at the protected premises within 24 hours of the failure.
In a Passive Communication System Configuration, Fire Alarms shall be sent concurrently over both communications paths of the Passive System (cellular and dialer paths)

How it Works

The LE4010CF can be used as an active (single) path Communicator or as a Passive (multiple) path Communicator. When being used as an active (single) path Communicator, the LE4010CF will replace the phone line connection on the panel. As soon as it detects that an alarm event needs to be transmitted, it will send it across the Cellular Network immediately.

When being used as a passive system in conjunction with an integral dialer in the FACP, the communicator will send all alarm traffic across the Cellular network to the monitoring station in concurrent transmission over two paths to increase reliability of alarm messages delivery to the Signal Receiving Station (alarm receiver).

In instances where the control panel does not support Contact ID or SIA (300 baud), the LE4010CF has inputs that need to be properly configured in Connect24 to transmit fire alarm, fire supervisory or system trouble.

Alarm signals are transmitted directly without the need of a clearinghouse to the IP line card of the monitoring station receiver (Sur-Gard® System I-IP/II/III/IV/5).

Activating & Initializing the Unit

Activating and initializing the LE4010CFBL can be done using the website interface provided by C24 Communications. No special tools are required.

Mobile Site for Easy Installation and Comprehensive Maintenance

C24 Communications mobile site (m.connect24.com) makes the installation a simple process and offers intuitive trouble-shooting features, cutting down on time and cost allocated to mainte

ULC Listing

The LE4010CF is ULC listed under File S4019, Listing guide DAYR7, as an active or passive communicator for Commercial Fire monitoring installations. When used as an active communicator, the LE4010CF will send its heartbeat once every 90 seconds to the supervising station. When used as a passive communicator, the LE4010CF will monitor the other communication method (DACT) and send a daily test transmission to the supervising station.

Fire alarms will be sent concurrently over both communication paths of the passive system.

Rate Plan

Cost-effective rate plans have been negotiated and are available through authorized master resellers. Contact your monitoring station or visit www.connect24.com to find a master reseller. When used as an active communicator, the LE4010CF requires use of the 4MB rate plans to support the supervision requirements.

Ordering Information:

LE4010CF-RG .....Universal Wireless Commercial Fire Alarm Communicator with Rogers SIM

LE4010CF-BL .....Universal Wireless Commercial Fire Alarm Communicator with Bell SIM

Specifications

Dimensions ..... 11-1/2" x 10" x 3"
.....(290 mm x 254 mm x 75 mm)

Input Voltage.....120 VAC

Current Draw..... 200 mA (standby)
..... 400 mA (transmitting)

Operating Environment ..... 32° to 120° F (0° to 49° C)

Weight .....12.8 lbs (5.8 kg)

Optional Acessories

Model	Description
LTE-15ANT	15 ft extension antenna
LTE-25ANT	25 ft extension antenna
LTE-50ANT	50 ft extension antenna

For product information www.dsc.com

Johnson Controls