



From Tyco Security Products

LTE Universal Wireless Commercial Fire Alarm Communicator LE4010CF



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 UL listed power supply, transformer and 7 Ah rechargeable battery
- UL 864 listed
- CSFM listed

Ensure your installations are future-ready, with LTE

Due to rapidly-evolving cellular technologies, 2G/3G network sunsets are already on the horizon – with some having already been completed. Now's the time to adopt and adapt. Switch to LTE today, to offer customers long-lasting investment protection, and reduce your future truck rolls.

The LE4010CF connects the alarm control panel to the Cellular network and reports alarm signals directly to a monitoring station receiver (Sur-Gard System I-IP/II/III/IV/5). The LE4010CF uses the Cellular network to ensure low-cost, high-speed and reliable alarm communications and is compatible with control panels that communicate using the Contact ID or SIA (300 baud) format.

The LE4010CF is compliant with the latest requirements for Communications Methods as per UL864 and NFPA72 2010, 2013, and 2016 editions. It can be used in Fire Monitoring applications as a single communications technology, in which case any failure of the communications path shall be annunciated at the supervising station within 5 minutes (NFPA72 2010)

or 1 hour (NFPA72 2013/2016) of the failure, or it can be used as part of a multiple communications technologies (for example in conjunction with a DACT). When used as a back-up provision shall be made to monitor the integrity of each communication path and failure of any communications path shall be annunciated at the supervising station and at the protected premises within not more than 24 hours of the failure.

How it Works

The LE4010CF can be used as either a Sole Communicator or as a Backup Communicator. When being used as a Sole Communicator the LE4010CF will replace the phone line connection on the panel and as soon as it detects that an alarm needs to be transmitted it will send the alarm across the Cellular network immediately. When being used as a backup the communicator assesses the connection to the PSTN phone line, and only in the event of a phone line failure will it send all alarm traffic across the Cellular network to the monitoring station.

communications

In instances where the control panel does not support Contact ID or SIA (300 baud), the LE4010CF has inputs pre-set to transmit fire alarm, fire supervisory or system trouble.

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

Activating & Initializing the Unit

Activating and initializing the LE4010CF 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 maintenance.



UL Listing

The LE4010CF is UL listed under File S4019, Listing guide UOXX, as a sole or backup communicator for Commercial Fire monitoring installations. When used as a sole communicator under NFPA72 2010 guidelines the LE4010CF will send its heartbeat once every 97 seconds ensuring that three heartbeats will be received at the supervising station within the 300 second window. When used as a sole communicator under NFPA72 2013/2016 guidelines the LE4010CF will send its heartbeat once every 5 minutes to monitor connectivity with the supervising station within the 1 hour window. When used as a backup communicator the LE4010CF will monitor the other communication method (DACT) and send a daily test transmission to the supervising station.

CSFM Listing

The LE4010CF has been approved by the California State Fire Marshal (CSFM) pursuant to Section 13144.1 of the California Health and Safety Code.

Ordering Information:

LE4010CF-AT Universal Wireless Commercial Fire Alarm Communicator

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 a sole communicator, the LE4010CF requires use of the 4MB (NFPA72 2010) or 500kB (NFPA72 2013/2016) rate plans to support the supervision requirements.

Specifications

- Dimensions 11-1/2" x 10" x 3"
(290 mm x 254 mm x 75 mm)
- Input Voltage.....120 VAC
- Current Draw200 mA (standby)
400 mA (transmitting)
- Operating Environment32° to 120° F (0° to 49° C)
- Weight..... 12.8 lbs (5.8 kg)

Optional Accessories

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