



GSM Universal Wireless Commercial Fire Alarm Communicator GS3055-ICF



The GS3055-ICF is a GSM universal wireless alarm communicator specifically designed for UL commercial fire installations.

The GS3055-ICF connects the alarm control panel to the GSM network and reports alarm signals directly to a monitoring station receiver (Sur-Gard™ System II/System III). The GS3055-ICF uses the GPRS data channel of the GSM network to ensure low-cost, high-speed and reliable alarm communications and is compatible with control panels that communicate using the Contact ID format.

The GS3055-ICF is compliant with the latest requirements for Communications Methods as per UL864 and NFPA72 2010 Edition. 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 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.

- Compatible with control panels that communicate using the Contact ID format
- Full event reporting
- Uses GPRS data channel for high-speed, reliable and low-cost communications to an IP receiver
- 4 on-board inputs
- 4 on-board outputs (open collector)
- SIM card (included)
- Activation and initialization via automated telephone activation system (VRU) or web-user interface provided by CONNECT 24™
- Compatible with Sur-Gard System I/II/III monitoring station receivers
- Includes UL listed power supply, transformer and 7 Ah rechargeable battery
- UL 864 listed
- CSFM listed



How it Works

The GS3055-ICF can be used as either a Sole Communicator or as a Backup Communicator. When being used as a Sole Communicator the GS3055-ICF 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 GSM 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 GSM network to the monitoring station.

In instances where the control panel does not support Contact ID, the GS3055-ICF 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/System II/System III).

Activating & Initializing the Unit

Activating and initializing the GS3055-ICF can be done using the automated telephone activation system (VRU).

UL Listing

The GS3055-ICF 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 the GS3055-ICF 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 backup communicator the GS3055-ICF will monitor the other communication method (DACT) and send a daily test transmission to the supervising station.

Ordering Information:	
GS3055-ICF	Universal Wireless Commercial Fire Alarm Communicator (U.S. Model/ SIM Card Included)

CSFM Listing

The GS3055-ICF has been approved by the California State Fire Marshal (CSFM) pursuant to Section 13144.1 of the California Health and Safety Code.

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.

Specifications

Dimensions	11 1/2" x 10" x 3"
Input Voltage	120 VAC
Current Draw	300 mA
Operating Environment	32° to 120° F
Weight	12.8 lbs

