DSC
A Tyco International Company

HSPA Universal Wireless Commercial Fire Alarm Communicator
3G3070CF

Features That Make a Difference:

- Uses HSPA (3G) network for high-speed, reliable and low-cost communications to an IP receiver

- Automatically switches to 2G (EDGE/GPRS) if 3G service is not available

- Compatible with control panels that communicate using the Contact ID format

- Full event reporting

- 4 on-board inputs

- 4 on-board outputs (open collector)

- SIM card (included)

- Activation and initialization via automated telephone activation system (VRU), web-user or mobile interface provided by C24 Communications

- PTM (Panel Transmission Monitor) switches from PSTN to cellular on unsuccessful communication attempts

- Compatible with Sur-Gard® System I/II/III/IV monitoring station receivers

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

- UL 864 listed

- CSFM listed

3G technology from DSC!

The 3G3070CF connects the alarm control panel to the HSPA network and reports alarm signals directly to a monitoring station receiver (Sur-Gard System I/II/III/IV). The 3G3070CF uses the HSPA 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 3G3070CF 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.

How it Works

The 3G3070CF can be used as either a Sole Communicator or as a Backup Communicator. When being used as a Sole Communicator the 3G3070CF 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 HSPA 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 HSPA network to the monitoring station.

In instances where the control panel does not support Contact ID, the 3G3070CF has inputs pre-set to transmit fire alarm, fire supervisory or system trouble.

communications

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

Activating & initializing the unit

Activating and initializing the 3G3070 can be done using the automated telephone activation system (VRU), mobile interface or web-user interface provided by CONNECT 24. No special tools are required.

UL Listing

The 3G3070CF 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 3G3070CF 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 3G3070CF will monitor the other communication method (DACT) and send a daily test transmission to the supervising station.

CSFM Listing

The 3G3070CF 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.

Ordering Information:

3G3070CF-USA ..... Universal Wireless Commercial Fire Alarm Communicator (U.S. Model/SIM Card Included)

Specifications

Dimensions .... 11-1/2" x 10" x 3"
(29.2 cm x 25.4 cm x 7.62 cm)

Input Voltage...120 VAC

Current Draw..300 mA

Operating Environment ....0° to 48° C (32° to 120° F)

Weight.. 12.8 lbs (5.8 kg)

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