



## 3G4000W

### Universal HSPA Wireless Alarm Communicator



The universal wireless HSPA alarm communicator

The 3G4000W connects the alarm control panel to the cellular network and reports alarm signals directly to the monitoring station receiver (Sur-Gard System I-IP/II/III/5). This device uses the cellular network to ensure reliable, high-speed, and low-cost alarm communications and is compatible with control panels that communicate using the Contact ID or SIA format (300 baud).

The 3G4000W is installed between the telephone connection of a control panel and the telephone line. When used in

In backup, the communicator evaluates the connection to the PSTN line and, if it fails, connects to the cellular network to send an alarm signal to the monitoring station. In a primary role, the communicator simply sends the alarm transmission immediately via the cellular network.

Alarm signals are transmitted directly to the monitoring station's receiver's IP line card without the need to involve the control panel, saving valuable time and eliminating potential points of failure.

The 3G4000W can be configured locally or remotely using DLS 5 software. In addition to configuration, DLS 5 also provides access to retrieve communicator status and diagnostics.

### Features that make the difference:

- Uses the HSPA (3G) cellular network for communications high speed, reliable and low cost with a receiver IP
- Automatically switches to 2G (EDGE/GPRS) if 3G service is not available
- Compatible with control panels that communicate using Contact ID and SIA formats (300 baud)
- Complete event report
- 2 entrances on the plate
- 2 outputs on board (open collector)
- Local or remote configuration using DLS 5 software
- The Panel Transmission Monitor (PTM) switches from PSTN to the cellular network when communication attempts fail
- SMS command and control to arm/disarm the panel
- PTM call routing to direct calls cell phone signals to multiple receivers based on the number dialed
- Advanced carrier selection to ensure a suitable cellular connection
- Two unique models of trouble indicators
- Compatible with Sur-Gard monitoring system System I-IP/ II/III/5



## Command and control by SMS

The 3G4000W can be configured to conveniently accept SMS commands from select phone numbers to remotely activate PGM outputs. The outputs can be used to arm/disarm your alarm system or trigger other actions, such as opening the garage door.

## Advanced panel transmission monitoring

The 3G4000W can intelligently monitor transmission to the panel and switch to the cellular network in the event of a telephone line failure.

This feature will work with both traditional telephone systems (POTS) and new digital technologies (i.e., VoIP).

## Specs

Dimensions	8.7" H x 4.9" W x 1.2" D (220 mm x 125 mm x 31 mm)
Input voltage	13.8 V DC
Power consumption (without battery)	40 mA (idle) 180 mA (during transmission)
Operating environment	5°C to 40°C (40°F to 104°F)
Weight with optional battery	24 oz (680 g)
Weight without optional battery	14 oz (400 g)

## Cellular frequencies

3G (HSPA)	850, 900, 1900, 2100 MHz
2G (GPRS)	850, 900, 1800, 1900 MHz

Model	Description
3G4000W-BATT	Optional 7.2V/2200mAh battery
LTE-15ANT	15ft Extension Antenna (Indoor Use)
LTE-25ANT	25ft Extension Antenna (indoor/outdoor use)
LTE-50ANT	50ft Extension Antenna (indoor/outdoor use)

### Approvals

NIST #3091, FCC/IC, PTCRB Certification

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