

3G4000W

HSPA Universal Wireless Alarm Communicator



The 3G4000W 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/5). The 3G4000W 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 3G4000W is installed between the telephone connection of a control panel and telephone line. When used in a backup role, the communicator assesses the connection to the PSTN phone line, and if that has

failed, it then 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 over the cellular network immediately.

Alarm signals are transmitted directly to the IP linecard of the monitoring station receiver without the need of clearinghouse involvement saving valuable time and eliminating a potential point of failure.

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

Features That Make a Difference:

- Uses HSPA (3G) cellular 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 and SIA (300 baud) formats
- Full event reporting
- 2 on-board inputs
- 2 on-board outputs (open collector)
- Local or remote configuration with DLS 5 software
- PTM (Panel Transmission Monitor) switches from PSTN to cellular on unsuccessful communication attempts
- SMS command & control for panel arm/disarm
- PTM call routing to direct cellular signals to multiple receivers based on dialed number
- Advanced carrier selection to secure a suitable cellular connection
- Two unique trouble display models
- Compatible with Sur-Gard System I-IP/II/III/5 monitoring station receivers

SMS Command & Control

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



Advanced Panel Transmission Monitoring

The 3G4000W can intelligently monitor the panel transmission and switch over to the cellular network when the phone line is down.

This function will occur for both traditional POTS and newer digital technologies (i.e. VoIP).

Specifications

Dimensions	8.7" H x 4.9" W x 1.2" D (220mm x 125mm x 31mm)
Input Voltage	13.8 Vdc
Current Draw (without battery)	40 mA (standby) 180 mA (transmitting)
Operating Environment	40° to 104° F (5° to 40° C)
Weight with optional battery	24 oz (680 g)
Weight without optional battery	14 oz (400g)

Cellular Frequencies

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

Model	Description
3G4000W-BATT	Optional 7.2V/2200 mAh battery
LTE-15ANT	15 ft extension antenna (internal use)
LTE-25ANT	25 ft extension antenna (internal/external use)
LTE-50ANT	50 ft extension antenna (internal/external use)

Approvals

- NIST certificate #3091, FCC/IC, PTCRB

Johnson Controls

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