



## GSM/GPRS Universal Wireless Alarm Communicator GS3100-K



**Economical back up or primary GSM/GPRS communication solution ideal for most security systems**

### Backup up alarm communication feature

DSC is pleased to announce GS3100-K GSM/GPRS Universal Wireless Alarm Communicator. When wired to the control panel that communicates using the Contact ID format, alarm reporting path is through the regular phone line, with the GSM/GPRS channels as back-up. It conveniently utilizes the GPRS data channel of the GSM network (as back-up) to ensure high speed, reliable and secure alarm communications. With this feature, any concerns about the possibility of phone line disruption is removed.

### GSM/GPRS primary alarm communication for residential and commercial environments

As more and more home or businesses move away from traditional phone lines, towards VoIP (Voice over IP) or mobile phones, alternate delivery methods for alarm communication must be explored. The GS3100-K GSM/GPRS Wireless Alarm Communicator is an ideal solution for both residential and commercial environments.

### Module's compact size eases installation

The GS3100-K module is equipped with a Quad-band GSM/GPRS radio and remote antenna with magnetic base, which ensures receipt of the GSM/GPRS signal at the location. Its extremely compact size and low current draw allows for the installation inside the control panel's cabinet with no need for an additional battery.

### PC Programming Console for advanced programmable options

For basic functions, the GS3100-K does not require programming. For advanced functions, it allows module programming and diagnosis via direct PC connection. Through the GS3100 Programming Console, users can conduct GPRS Configuration, Option Change, Phonebook Management and Module Status Report.



**Product Features**

- Back up or primary GSM/GPRS alarm communication
- Uses GPRS data channel for high-speed, reliable and low-cost communications to Sur-Gard System I/II/III monitoring station receivers
- Compatible with control panels that communicate using the Contact ID format
- 4 phone numbers programmable for Contact ID Dialer via GPRS
- Simulates land line and land line overvoltage protection
- GSM Signal strength & trouble indicator and module status report
- 3 Open Collector Outputs
- Up to 100 telephone numbers programmable for remote activation of the output
- PC Programming Console available
- Compact size and low current draw
- Including antenna with magnetic base and 2m cable
- Quad-Band: 900/1800 MHz and 850/1900MHz
- Approvals: CE, ROHS complaint

**Ordering Information**

GS3100-K: GSM/GPRS Universal Wireless Alarm Communicator (Including remote antenna with 2 meters cable and metal bracket)

**Specifications**

PCB Dimensions.....	60.45 x 142 x 18 mm
PCB Weight.....	77g
Input Voltage .....	9.6 to 27.6Vdc
Standby Current.....	100 mA maximum at 13.8V dc (not including the outputs)
Alarm Transmitting Current:.....	200 mA maximum at 13.8V dc (not including the outputs)
Outputs.....	3 open collector, 100 mA
Operating Environment .....	5° to 40°C (41 to 104° F)
Maximum Loop resistance of line between the device connected in series on LI .....	1 Kohm
Maximum number of parallel devices connected on LI .....	2



PN 30001121

*International version*

**DSC**

For product information  
[www.dsc.com](http://www.dsc.com)

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