

*Intelligent
wireless
communication
solutions*

GIANT VOICE®

EMERGENCY SYSTEMS



GSM SOLUTIONS GV-GSM-RTU

HSS Engineering has many years of experience with the integration of Warning System Solutions into other (existing) communication systems.

HSS Engineering takes great pride in meeting our customer's requirements for any system configuration. Our Warning Systems have been integrated to communicate via Radio, Fiber, Landline and GSM.

FEATURES

- 8 digital solid state outputs, 8 digital inputs, 4 analog outputs and 4 analog inputs.
- 4 digital inputs that can be configured individually to operate as IEC62053-31 Class B compliant inputs.
- All analog inputs and outputs can be configured individually to either 0-10V or 0-20 mA range.
- Two-part pluggable connectors for easy installation and maintenance.
- On-board temperature sensor.
- Quad Band (850/900/1800/1900 Mhz)
- High-capacity (1900 mAh) Li-Ion battery pack.
- Supervision of supply voltage and supply type.
- C E EU EMC Directive 2004/108/EU
- Included with a heavy duty omni-directional quad band linear patch-antenna.

HSS

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ENGINEERING®
WARNING SYSTEM SOLUTIONS

GIANT VOICE®

EMERGENCY SYSTEMS

HSS ADVANCED WARNING SYSTEMS



TECHNICAL DATA

Operating Voltage	110/220 VAC	
GSM Radio Frequency	850 / 900 / 1800 / 1900 MHz	
GSM Transmit Power	Class 4 (2 W @ 800 /900 MHz)	
	Class 1 (1 W @ 1800 / 1900 MHz)	
GPRS Packet Mode	Class B, Multislot 10	
Operating Temperature	-25° C - +65° C	
Humidity (non condensing)	5 - 90 %	
Weight	0.430 kg	
External dimensions	Width: 157 mm Height: 86 mm Depth: 59 mm	
Digital Outputs (per channel)	36 VDC 1.5A	Output protected against: Short circuit, ESD and inductive (Relay) kickback up to 20 mH.
Digital Inputs	Logic "High": 6 - 40 VDC Logic "Low": -5 - 3 VDV	Inputs are protected against transients and low-pass filtered
Analog Outputs	0 - 10 VDC 0 - 20 mA	Resolution is 10 bits. Max load: 250 Ω. Accuracy @ 20° C ± 1,5 % FSR.
Analog Inputs	0 - 10 VDC 0 - 20 mA	Resolution is 10 bits. All inputs are protected against transients and low-pass filtered. Accuracy @ 20° C ± 1,5 % FSR.

ORDERING INFORMATION

Product Description

GSM Solution

Order No.

GV-GMS-RTU

REV. C

HSS

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