GSM/GPRS Universal Communicator
VGSM-120

Features That Make a Difference:

- GSM Quad-Band

- Simulates land line

- Switches to GSM Network in the event of land line trouble (line down)

- Manages incoming/outgoing calls

- 3 programmable terminals as outputs or inputs

- Telephone voice dialer: 8 voice messages of up to 16 s each

- SMS dialer: 11 SMS messages of 100 characters (2 for each input, 4 for Status & 1 Periodic)

- 8 telephone numbers for the Telephone & SMS dialers

- Supports Contact ID format from a connected panel, for communication over the GPRS / Internet network to the Sur-Gard System II/III Receivers

- 4 phone numbers for Contact ID Dialer on GPRS

- Up to 100 telephone numbers for the remote activation of the outputs through caller identification (zero charges)

- Remote activation of the outputs through SMS transmission

- Program max 100 telephone numbers to have access to the device (White List) to trigger the onboard outputs and block all others (Black List)

- Credit balance check for pre-paid SIM Cards

- Monitoring of communication service when used in conjunction with a VoIP service (PTM)

- PC-programmable options

Communicating… Simply…Anywhere!

The VGSM-120 is a GSM interface and a standalone device capable of generating voice dialer messages and SMS event notifications. Its onboard outputs can be triggered remotely via telephone to activate external equipment or indicators. The VGSM-120 simulates the PSTN line and decodes Contact ID format, so it is virtually "invisible" to the control panel it is connected to.

Simple to install and program (plug and play approach), the VGSM-120 is equipped with a quad band GSM/GPRS radio and remote antenna with magnetic base. Its extremely small size and low current draw allows for installation inside the control panel's cabinet and does not require an additional battery.

The VGSM-120 is the best solution for reliable GSM alarm communication back up for the majority of applications, whether new or existing system upgrades.

TERMINAL DESCRIPTION

+V	Power Supply positive: 9.6 to 27.6 Vdc	⏚	This terminal must be connected to the Mains Earth
⏚	Negative	LE	These terminals must be connected to the land line
T1 T2 T3	These terminals can be programmed as: Open collector outputs; input lines	LI	These terminals must be connected to the control panel

PART IDENTIFICATION

1	GSM antenna with magnetic base and 25 cm cable	3	Metal base
2	GSM module	4	Cover
		5	Tamper switch MAXIASNIC (optional)

VGSM-120

Specifications

Input Voltage .... 9.6 to 27.6 Vdc

Standby current................... 100 mA max. (outputs excluded) at 13.8 Vdc

Maximum alarm (Transmitting) current .... 200 mA average (outputs excluded) at 13.8 Vdc

Outputs .... 3 open collector, 100 mA

Operating Frequency .... 900/1800 Mhz or 850/1900 Mhz

Max. loop resistance of line between the device connected in series on LI .... 1 Kohm

Maximum number of parallel devices connected on LI 2

Operating temperature .... 5 to 40° C / 41 to 104° F

Dimensions (PCB only) .... 60.5 (W) x 142 (H) mm

Dimensions (casing without antenna).............. 90 (W) x 190 (H) x 75 (D) mm

Weight (PCB only)... 66 g

Weight (casing without antenna) .... 348 g

Accessories

PC-LINK: Programming cable

Contact Visonic for further information
Email: info@visonic.com