WiLARM

GSM SECURITY

WiLARM-4 SECURITY GSM Datasheet

The WiLARM device is a general purpose distant signal module based on GSM technology, which takes effect to the input signal (for example infrared moving sensor), which means it can send SMS and/or dial a phone number. The device is low profile and compact-designed, therefore it easily fits with a few investments to the most different typed alarm systems, home alarm as well as other security systems and tools wanted under control, which can be freshly or previously installed, operated systems. According to the construction of the device it includes a card-independent industrial GSM modem and an intelligent microprocessor, which complete the current task together. After the installation it's possible to set up the device with SMS messages and programming (for example phone number, options, testing), etc. The SMS programming is secured by an own 4 digits PIN-code, which can include numbers or letters. A basic rule is that the programming based on SMS needs to start with PIN-code. It has security reasons. Meantime writing the orders needs to pay attention to use small letters. Calling the module – if the system works – it responds busy (depending on the operator responds other) signal, then we can check it for free that the device is ready for working.

Main functions

Dial calling in case of alarm: Module can dial up to eight phone numbers. User can set circular calling function too.

SMS sending in case of alarm: Module can send SMS messages to eight phone numbers.

Life signal: Life signal in sent in SMS with a preset interval time.

Inputs: Four inputs which can be set as NC or NO.

Output: Two relay outputs up to 1 Ampere. They can be controlled even with CallerID or SMS.

Tamper switch: In case of unauthorized open, module will send SMS and/or dial preset phone numbers.

Built-in lithium-ion battery: Module operates for up to one day without any external power supply.

Programming: Basic functions can be programmed with SMS commands. Advanced functions can be programmed using optional USB or serial programmer cable.

Temperature monitoring: User can set upper and lower temperature limits. Exceeding these, module sends SMS and/or dials preset phone numbers.

Other main functions: CallerID, autonomous alarm mode, SMS redirection, *power failure detection.*

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Function table

Functions	Wilarm-4
SMS sending	Yes
Dial calling	Yes
Programmable phone numbers	8 numbers
Number of inputs	4 NC/NO
Circular calling	Yes
Li-ion battery	Yes
Power supply requirement	12 Volts / 1 Ampere
External antenna	Yes
LED status	Yes
External serial programmer	Yes
Alive signal in SMS	Yes
Tamper switch	Yes
Power failure SMS	Yes
SMS redirection	Yes
Network signal monitoring and SMS sending	Yes
Relay output	2 relay / 1 Ampere
Caller number identification	Yes
Autonomous alarm mode	Yes
Test function with SMS	Yes
PIN protected programming	Yes
Status request with SMS	Yes
SMS messages modification	Yes
Master Reset	Yes
Housing	Yes