

## Arm your system easily.

System Arming and disarming can be done in the following ways:



Via the system keypad  
by entering your user code,



Using RFID card  
or key fob  
(only Proteus KP-RFID)



Via PSTN line, from any DTMF  
telephone or cellular phone  
(RTM-1 in Proteus Control Panel  
needed)



via mobile telephony  
GSM network with SMS  
or unanswered calls  
(ORION GSM unit needed)



Using RF remote control  
or Key-switch



Automatically, using  
2 separate special  
daily programs

ALL DAY  
SECURE

## Feel Safe all day long.

The innovative All Day Secure function enables you to move in the protected area and even exit and re-enter it without disarming the system. Also you may open a door or window and its blind without disarming the system or initiating an alarm. The only thing you need to do is to STAY arm your system.



## Why worry when there is no real threat?

One of the most usual problems in the common security systems is false alarms. False alarms are due to several factors such as high sensitivity or wrong installation of the detectors, interference etc. All Sigma Security Control Panels have a special zone designed to operate with Detectors. This zone type detects false alarms and rejects them.

This is achieved through the signal analysis using specific algorithms. This analysis eliminates false alarms to the minimum by rejecting all such signals. Only real alarm is triggering by detectors.

## Zones

- 8 or 16 fully programmable zones, expandable up to 80
- Up to 4 zone expanders per panel
- Motion Detector Zone: special zone type for the connection of PIR or PIR+MW detectors
- Chime operation on every zone
- 4 fully independent partitions

## Outputs

- 2 programmable outputs (PGM) expandable up to 18
- 2 outputs 12V/5A for siren connection

## Keypad

- Up to 8 keypads can be connected on every control panel
- Multilingual menu
- 4 tri-color LEDs to display status of the system
- With or without RFID Reader
- Volume adjusted Buzzer separately in every keypad
- Night time illumination. User may adjust luminance on keys or Display or perimeter of keypad separately
- Each keypad includes thermostat that can operate within 5 daily programs manually or automatically
- Zone input to connect magnetic contact or detector
- Available in 2 colors: white or black

## Communication - Connect ability

- Communicates with all peripherals via S-Bus
- Includes digital communicator that can report to 2 different Central stations via PSTN Line with different communication protocol. Also can separate events to Urgent or secondary importance.
- Multiple message voice dialer (optional)
- Remote arming and disarming unit with English voice message menu (optional)
- Up/Downloadable, with Multilanguage menu software (operates locally or remotely)
- Call back function and bypass answering machine function (FAX)

## Arming

- Intelligent Arming Management
- Quick Arming, Home arming or Zone bypass arming
- You may arm simultaneously any partitions you select or all of them at once
- Arming – Disarming via RFID Access Cards
- Programmable automatic daily arming and disarming (2 independent daily programs)

## More Characteristics

- 300 events memory. User may display all

- events at will, through the keypad
- Real time clock is included. Time and Date are displayed on the keypad
- Daylight saving operation
- 97 user codes 4, 5 or 6 digits, with 6 different access levels
- Installer code that can be locked

## Protection

- Non volatile memory to store all system data and parameters
- Over voltage protection on PSTN line
- "Watchdog" and "Brown Out Reset"

## Power

- Power Supply 110 - 220VAC-50Hz
- Switching Power supply with output 13,8V DC/1,5A (SB & MB) or 3,5A(LB)
- Battery voltage dynamic test function
- Battery disconnection monitoring
- Battery's reverse polarity protection
- Control Panel Power consumption (Stand By): 35mA

## Physical characteristics

- Box Dimensions:  
SB: 23x30x8cm  
MB: 30x30x8cm  
LB: 35x40x8cm
- Keypad Dimensions:  
17x12x2cm



www.sigmasec.gr

# PROTEUS



## Touch the future of technology

Everything is possible for an innovative, powerful, uniquely designed security system...

Welcome to PROTEUS.



# PROTEUS

## Impressive design, amazing touch.

The thin and amazingly designed Proteus keypad will beautify your interior decoration. Both, touch keys and simple menu, will enable you to use and program the system simply, with a “touch”. Available in two colors: black or white.

## Advanced Technology.

Advanced Technologies, such as “Intelligent Arming Management”, “Intelligent Time Management” (Exit Time Extension, Automatic Time Reduction) and eventually the unique Function “All Day Secure” in combination with a user-friendly menu, makes your life easier.

## Fast and Reliable communication.

No need to worry about system communication any more. Proteus guaranties communication with any type of PSTN line service provider.

## Adjust Proteus to your needs.

We, at Sigma Security, believe that, every person is unique with its own needs. Proteus is fully programmable in order to meet any user needs. For example, each user can control the system through keys, tags and keyfobs through DTMF commands.



Touch keypad with backlit LCD Display, RFID Reader, Multilanguage indications and backlit keys.



All Day Secure



Intelligent Arming Management



Intelligent Time Management



Easy Programming



Detector Zone



Real Plug & Play



Remote Control

## Forget False Alarms.

Thanks to “Detector’s Zone” false alarms are now just a thing of the past. This special zone function is a Sigma Security innovation, used and tested in Sigma Security control panels successfully for many years. It can operate with any kind of detector and has a specific algorithmic process in order to reject False Alarms.

## Simplify Programming.

All programming functions in Proteus are simple because of uniquely simplified menus. Proteus introduces a new approach to menu programming that improves the whole procedure. Even the most complex functions become simple with Proteus.

## Real Plug & Play.

You may connect any peripheral to Proteus (keypad, zone expander etc) and it will operate immediately without the need of system power reset or research activities.

## Proteus thinks for you.

Feel safe anytime, day or night. With All Day Secure your system may be always armed and you may enter or exit the premises without disarming and re arming the system. A series of innovative operations ensure the best possible security any time, any where. For example the system may Stay Arm and you can go for a while to your backyard without any commands to the system. The system realizes your movement through the path you follow and bypass only the specific area when returning back to your protected area, the system rearms the bypassed zones.