TEKNIM®
SECURITY TECHNOLOGY

VAP-408 ALARM CONTROL PANEL

Zones

- 8 zones on main control panel, expandable to 12 zones with optional zone expansion module and to 16 zones with hardwire zone-doubling.
- Using each zone with NC or NO contacts devices with or without EOL resistors.
- Selecting each zone as 12 different type (door, window, home, away, 24 hours, fire, tamper, panic…etc.)
- Entry/Exit delays for each partition.
- Adjustable zone response speed.
- Additional features of the zones (Entry/exit zone, follower zone, last-door zone, zone with audio / silent…etc.)
- Arming panel automatically without delay time by determining Entry/Exit zones, when someone exits from last-door.
- Adjusting each zone as special zone in order to transmit alarm message to the central station without alarm siren. (for gas detectors, flood detectors)
- Selectable cross zone and double hit features to avoid from false alarm.
- Walking test for each zone.
- Bypassing each zone manually or automatically.

Outputs

- **1 siren output**
  - Negative or positive trigger.
  - Adjusting cut off time between 2 to 255 min.
- **3 programmable outputs**
  - Can be increased to 8 PGM outputs with optional PGM relay module.
  - Can be used as siren output,
  - Can be used as arm output,
  - Can be used as fire siren output,
  - Can be used as being active when determined zones are armed
  - Can be adjusted to output randomly.
  - Can be used as selectable trouble output.
  - Can be used as smoke detector power. (for automatic resetting)
  - Can be used as being active when there is a motion in determined zones or partitions
  - Can be used as being active in assigned time period.
  - Can be used as magnetic or electro mechanic door lock controller output when using access control feature.

Partitions

- 4 partitions
- Arming/disarming each partition together or separately.
- *Smart Partition Technology* for easy installation; zones are automatically assigned to the related partitions.
- Using each partition as independent systems (keypad, zone, phone numbers, siren, users can be assigned independently).

Keypads

- 4 keypads connection
- Each keypad has its own address. Keypads do not affect each other.
- Connecting LED and LCD keypads to the panel separately or together.

- Showing the motions only in specific zones by assigned partitions to the keypads.
- One key quick arming, partial arming (away, home, doors, windows…etc.) for each partition, by four special keys on the keypads.
- Producing warning sound (chime) by buzzer, when the specific zones become active or inactive.
- Automatic light activation of the determined zones. (For example; when user opens the door, the keypad automatically illuminates)

Recommended Keypads

VPC-116, 16 zones LED keypad

VPC-301, LCD keypad

VPC-108, 8 zones LED keypad (*)

(*) It is not recommended to use VPC-108 keypad in the systems using double zone feature.

Power Supply

- Short circuit protected 12V output (total 1A)
- Extra auxiliary power for the siren
- Extra auxiliary power for the keypad
- Current limited battery charge circuit
- Continuously mains power and battery check

Event Log

- 256 event log memory with date and time information

Communication by PC

- Reading, setting and controlling all panel settings and reading event log memory from a local PC via optional link modules VPL-232, VPL-USB; from a remote PC via **onboard modem** or from local network/**internet** via optional network module VPL-NET by using VAPMAN Alarm Management Software.

TEKNIM®
SECURITY TECHNOLOGY

- Monitoring (zone, PGM or panel status) and controlling (arming/disarming, controlling of PGM outputs) panel from local PC via optional link modules VPL-232, VPL-USB, from remote PC via **onboard modem** or local network/**internet** via optional network module VPL-NET by using VAPMAN alarm management software.

Controlling by Phone

- Remotely controlling by phone
- Arming/disarming of the panel.
- Controlling of PGM outputs.
- Getting information about panel status or PGM status.

Communicator

- Including Contact ID and SIA formats.
- Calling 6 different private phone numbers (users).
    - Ability to deliver standard alarm warning signal.
    - Ability to deliver voice message on any alarm by voice recording module VAV-210 or voice message module VAV- 218
- Calling 2 different central stations with secondary numbers.
- One key confirmation on incoming calls.
- Selecting communicator messages.
- Events which will be sent to the private phones can be selected.
- Sending delayed power failure report.
- Continuously telephone line check and alarms on lined failure.
- Distributing each private phone numbers and CMS numbers for related partitions.

Codes

- Installer code: Able to command all settings related with installation.
- Master code: Able to command all settings related with users. (Code, time setting… etc).
- 9 user codes: Able to command arming/disarming of the panel.
    - User authorization can be limited for determined time and operation.
- Temporary guest code: Has normal user rights for a day or one time usage.
- Duress code: Able to disarm the panel but the central stations and users are called.
- PC access code: Able to control the panel via VAPMAN management software.

Arming/Disarming

- Partial arming/disarming.
- Automatic arming/disarming for a determined date and time period.
- Arming/disarming by remote controller.
- Arming/disarming by phone.
- Arming/disarming by VAPMAN alarm management software.
- Inactivity arming within entered time period.

Keypad Access

- As showing only determined partitions.
- As arming
- As disarming
- As accessing the programming

Access Control System

- Using panel as an access control system for a door by connecting additional keypad to the door and assigning one user password and one PGM
- Limiting access for determined date and time period.