



**Kuvam Proto
Solutions Pvt. Ltd.**

Integrated alarm systems for crime prevention



MAIN CONTROL PANEL FOR WIRELESS SENSORS

What is ALPHA control panel?

This system provides three forms of protection: burglary, fire, and emergency, depending on the options set by the installer. The system consists of the Control Panel, wireless sensors & acoustic hooter 110db that provide perimeter and interior burglary protection. In addition, optional remote control key fobs have been provided.

FEATURES

- 10 to 60 wireless sensors can be added to this control panel
- Inbuilt GSM based and SMS dialer module
- 100 meter distance from sensors to control panel
- Automatic arming or disarming, optional and programmable
- One day/week/month holiday programmable for automatic disarming feature
- Separate intrusion message
- Separate fire message
- Multiple Alarm and Status SMS Alarm SMS with alarm type, zone number, time and date information with loud hooter 110db
- Alarm SMS types - intrusion alarm, panic alarm, fire alarm,
- Status SMS sent to admin user on first number - system arm, admin disarm, user disarm, system on, AC power on, AC power off, low battery, admin or user code change, telephone numbers added, telephone numbers deleted, daily health status.
- Daily System On health status SMS sent once a day to admin user on first number
- Power status SMS for AC power on/off, low battery
- All key panel functions and features programmable from user admin phone
- Panel can also be operated through mobile via simple SMS commands
- Resistant to unknown number
- Secure code hopping technology
- Built in provision for 12V 7AH SMF battery
- Zone omitting facility
- Silent arming
- Night mode arming
- Intrusion log with time and date
- Open and close information for alarm zones
- Dedicated panic, fire and quick arm keys

- Silent dialing
- Power failure indication
- Last open zone status is indicated on LCD display
- GSM signal strength display
- 2 status LED – Mains & power
- Non-volatile memory restores multiple programmable settings in case of complete power rest
- Inbuilt SMPS with short circuit, over load and thermal shut down protection
- Inbuilt tamper switch and vibration detector for advanced tamper detection
- Remote key pad housed in sleek white ABS body with key pad cover

TECHNICAL SPECIFICATION

MAIN CONTROL STATION WITH ONE REMOTE KEY PAD

Quiescent current: 100 mA

Quiescent current with led indicator: 360 mA

Current with dialing: 530 mA Max.

Maximum sounder 1 current output: 1 output:

Non-volatile Memory: Programming and Log Zone response time:

POWER SUPPLY

Mains supply Voltage: 220+10%-15% 50Hz

After adapter Total Current Output: 2A at 220V AC

Battery Voltage :3.8V DC

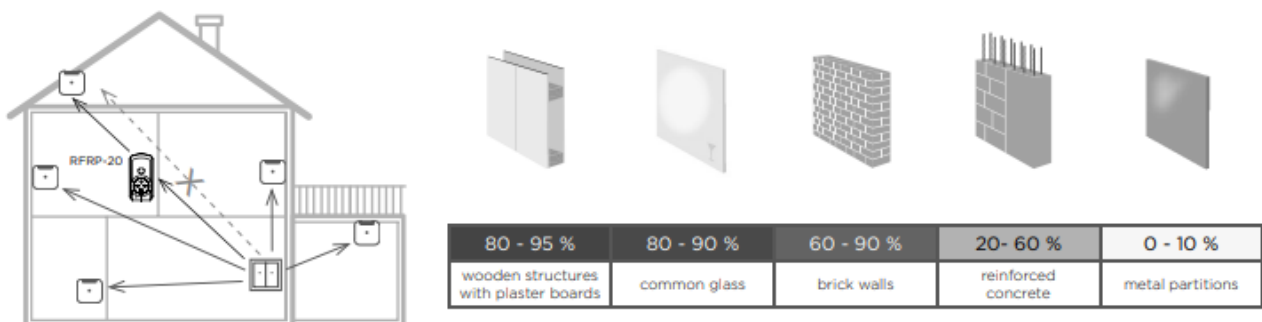
Battery type: lithium Rechargeable Battery Recharge Voltage: 5.2V +/-0.2V DC

Battery backup –on full charge under ideal conditions 3 days.

GSM GSM Frequency: Dual Band 900MHz / 1800 MHZ

ENVIRONMENTAL Operating Temperature: 0C to 45C

Radio frequency signal penetration through various construction materials



COMPLETE SECURITY SYSTEM

Main unit + Door sensor + Motion Sensor + Shutter sensor+ RF key remote +hooter alarm + Fire, smoke sensor.

