



Innovation. Passion. Commitment.

SEC 16SG



FEATURES

CONTROL PANEL

- Micro-controller based
- 16 + 1 zones
- Inbuilt GSM based speech and SMS dialer
- 16 zones programmable as delay, immediate, panic or fire
- 1 tamper zone
- Separate remote key pad with 16x4 LCD display
- 18 key back lit key pad
- Can attach up to 3 additional LCD display remote key pads
- 3 status LED – armed, power and dialing
- Two user codes – master and servant
- Part arm
- Automatic arming
- Automatic disarming
- One day holiday programmable for automatic disarming feature
- Can be operated through mobile or telephone line using DTMF instrument
- Panel can be armed and disarmed through telephone
- Code can be changed through telephone
- Any 8 electrical devices can be switched ON or OFF through telephone
- These electrical devices can also be switched ON or OFF through a remote key pad
- Armed light output
- Built in battery backup provision
- Zone omitting facility
- Silent arming
- Night mode arming
- Intrusion log with time and date
- Dedicated panic, fire and quick arm keys
- Silent dialing
- Power failure indication
- Blown fuse indication on LCD display
- Non-volatile memory
- Open zone indication on LCD display
- Automatic re-arming after an intrusion
- System goes into alarm state after three incorrect code attempts
- Previous state (armed or disarmed) retained when panel is re-powered

- Chime in zone number 1
- Chime is programmable for each independent remote key pad
- Distinct interrupted sounder output for fire alarm
- Battery strength display with audio indication in case of low battery
- GSM signal strength display
- Walk test
- Individual zone status is indicated on display
- Independent entry delay time 2 to 255 seconds
- Independent exit delay time 2 to 255 seconds
- Sounder time 2 to 20 minutes
- Multiple sounder outputs
- In-built tamper switch
- Main control station panel in elegant white ABS body
- Remote key pad housed in sleek white ABS body with key pad cover

AUTO DIALER

- GSM based speech and SMS dialer
- Micro-controller based
- 2 speech / voice messages
- Separate intrusion message
- Separate fire message
- 15 telephone numbers for intrusion message
- 15 telephone numbers for fire message
- 20 second recording time for each message
- Dialing to particular number can be aborted by call receiver during call
- Dialing to all numbers can be aborted with master code during call
- Alarm SMS with alarm type, zone number, time and date information
- System status SMS for arm and disarm
- Power status SMS for AC power on/off, low battery
- Alarm SMS for tamper and wrong code
- Status SMS are optional sent to first number only
- User editable name and address for alarm SMS
- Message playback
- Telephone number check
- Telephone number editing facility
- Non-volatile memory
- Silent arming

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WIRED INTRUDER ALARM SYSTEMS SOLITAIRE 16 GSM



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TECHNICAL SPECIFICATION

ELECTRICAL

Quiescent current : 30 mA Max.

Quiescent current with backlit LCD : 90 mA Max.

MAIN CONTROL STATION WITH ONE REMOTE KEY PAD

Quiescent current: 300 mA

Quiescent current with backlit LCD: 360 mA

Current with dialing: 530 mA Max.

Maximum sounder 1 current output : 1A

Maximum sounder 2 current output : 1A

Remote key pads : Up to three

Non-volatile Memory : Programming and Log

Zone response time : <500ms

Zone Loop Resistance : <5k ohm for NORMALLY CLOSED

POWER SUPPLY

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

Total current Output: 2A at 220V AC or 4A at 220V AC

Battery Voltage : 12V DC

Battery type : SMF Rechargeable

Battery Recharge Voltage: 13.8V +/-0.2V DC

ENVIRONMENTAL

Operating Temperature: 0C to 45C

Storage Temperature: -20C to 60C

Maximum humidity: 95% non-condensing

Environment : residential / commercial / light Industrial

PHYSICAL

REMOTE KEY PAD

Dimensions: 150mm x 121mm x 33mm

MAIN CONTROL STATION

Dimensions: 258mm x 230mm x 76mm

Max Battery Dimensions: 150mm x 110mm x 64mm

GSM

GSM Frequency: Dual Band 900MHz / 1800 MHZ

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