

Specifications

All devices

Environmental conditions
-10°C to 40°C, relative humidity
70% non-condensing for all units
except the external siren. Siren:
-20°C to 50°C, relative humidity
95% non-condensing

Radio operational range
30m in a typical domestic
installation, range can vary
depending on building construction,
device positions and RF
environment

Housings ABS/polycarbonate

Control unit

Display Backlit 2 x16 character
LCD

Keypad 18 key

Siren Output 100dBA sound
pressure @ 1m minimum

Zones 25 radio devices

Radio system 433.92MHz AM
Integral transmitter and super
heterodyne receiver with
jamming detection

Power supply Plug top adaptor
type, input 230VAC 50Hz,
output

9VDC, 500ma, tested to EN 60
950

Rechargeable battery Ni-MH,
4.8V 600mah, charge time
72hrs, standby time 10hrs

Telephone interface Tested to
TBR 21.

REN rating 1

Siren

Siren output 104dBA sound
pressure @ 1m minimum

Radio 433.92MHz AM super
heterodyne receiver with jamming
detection

Power supply 6V, 4 x D alkaline
cells. 3 years typical service life

Passive infra red (PIR) Detector

Alarm processing Microprocessor
controlled dual edge sequential
pulse count with pulse length
discrimination

Radio 433.92MHz AM transmitter

Power supply 4.5V, 3 x AAA
alkaline cells. 2 years typical
domestic service life, 1-minute sleep
timer

Movement detection range 15m,
110°

Door/window contact

Radio Microprocessor controlled
433.92MHz AM transmitter
Power supply 3V, CR2032 coin
cell. 2 years typical domestic
service life

Smoke detector

Radio Microprocessor controlled
433.92MHz AM transmitter
Power supply 3 x AA alkaline
cells. 3 years typical domestic
service life
Tested to EN54

Keyfob remote control

Radio Microprocessor controlled
433.92MHz AM transmitter
Power supply 3V, CR2032 coin
cell. 3 years typical domestic service
life

Keypad remote control

Radio Microprocessor controlled
433.92MHz AM transmitter
Power supply 3V, CR2032 coin cell.
3 years typical domestic
service life

Help button

Radio Microprocessor controlled
433.92MHz AM transmitter
Power supply CR2032 coin cell.
3 years typical domestic service life