# Home Network System
## Usage Examples

**Panasonic**

# 🔷 What is the Panasonic Home Network System?

The Panasonic Home Network System is a wireless system that lets you create a powerful network of cameras, sensors, and smart plugs in your home, and control them all with an easy-to-use app. The system can also connect to your landline, allowing you to use your smartphone or tablet as a home phone.
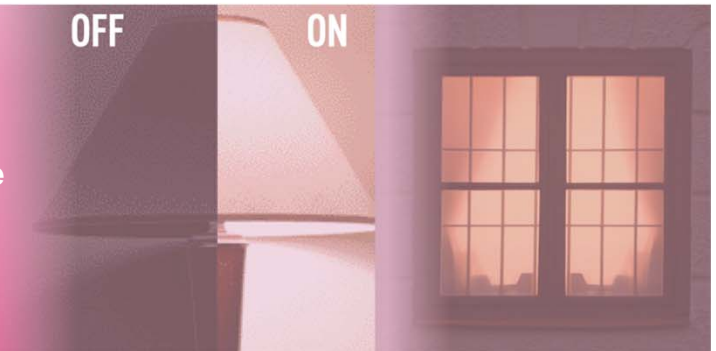


Peace for Home

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# What is it for?

## Home Monitoring

» Check on your sleeping baby from another room, and even play lullabies or talk to them.

» Easily check on your pets and home when away. The home monitor will even inform you when there are troubles (such as water leakage).

## Home Control

» Turn off the lights and other electrical appliances using your smartphone

» Make it appear as though someone is at home when away using remote on and off for greater home protection
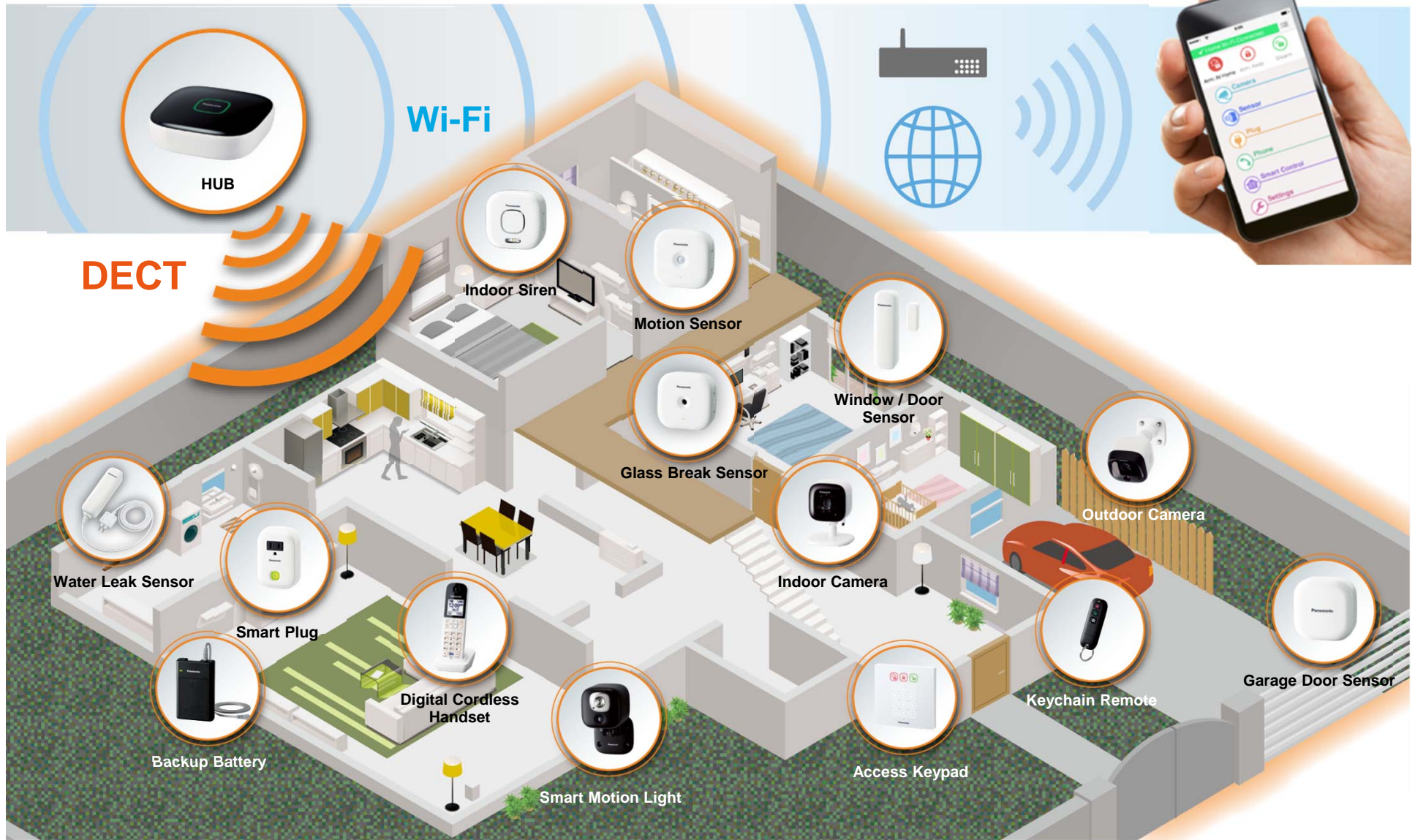
» Set a timer to turn appliances on or off

OFF    ON

## Home Safety

» Peace of mind by knowing who is visiting

» The sensor detects any suspicious persons who enter when you are away from home and also performs the following functions:
•Sends a notification  •Issues a warning  •Records footage

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# Where to use?



HUB

Wi-Fi

DECT

Indoor Siren

Motion Sensor

Glass Break Sensor

Window / Door Sensor

Outdoor Camera

Indoor Camera

Water Leak Sensor

Smart Plug

Digital Cordless Handset

Backup Battery

Smart Motion Light

Access Keypad

Keychain Remote

Garage Door Sensor

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# Why Panasonic?

It's because….

### Long Range

Line of Sight
1000ft Long Range by DECT

DECT wireless technology for a longer range than Wi-Fi and 2.4GHz FHSS technology. Easy wireless installation even in remote locations.

### No Monthly Safety Fees

No Monthly Safety Fees

Cloud Service

Usable simply by purchasing hardware, unlike security services that require a monthly safety fee.

### Easy Wi-Fi Setup

One Push Pairing for Expansion

Simple
Wi-Fi SETUP
Wi-Fi

Easy registration to a Wi-Fi router. Setup can be performed from a smartphone without the need to start a PC.

### Interference Free

Interference Free

2.4GHz Band Devices
Wi-Fi
Interference Free
Wi-Fi
Home Network System
DECT
Tablet/Smartphone

Free from interference caused by commonly used 2.4GHz band devices such as computers and microwaves, for smooth monitoring without picture disruption.
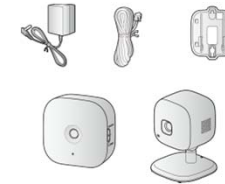
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#  How to use?

## Required devices

-App. (for iOS or Android)



-Smart Device (smartphone or Tablet)

-Wi-Fi router

-Hub (KX-HNB600)

+

Accessories you need
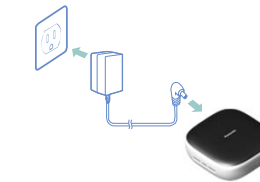
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**STEP 1**

Open the package and confirm the accessories



**STEP 2**

Set up main unit (Hub)



**STEP 3**

Install the Home Network app.



**STEP 4**

Make sure your mobile device is connected to your Wi-Fi® network.



**STEP 5**

Set up accessories



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# 🔷 What are accessories for?

## HUB (KX-HNB600)

- Joins all system devices together
- Connects to your home landline for making and receiving calls
- Supports microSD / microSDHC card connection for recording camera video and audio

AC powered

## Motion Sensor (KX-HNS102)  Max.50 *1

- Uses a heat sensor to detect motion in the surrounding area
- Can be used to trigger other actions (camera recording, turning on a light, etc.)

Battery Operated

## Window/Door Sensor (KX-HNS101)  Max.50 *1

- Detects when the corresponding window or door is opened
- Can be used to trigger other actions (camera recording, turning on a light, etc.)

Battery Operated

## Digital Cordless Handset (KX-HNH100)  Max.6 handsets

- Makes and receives calls using your home landline
- Can be used to change the system's arm mode with one touch operation
- Displays the system status
- Receives talking notification when the sensors are triggered

Rechargeable Batteries

## Indoor Camera (KX-HNC200)  Max.4 *2

- Full-color camera with night vision and built-in microphone for live monitoring and recording
- Built-in visual sensor (motion detection), audio sensor, and temperature sensor can be used to trigger other actions (camera recording, turning on a light, etc.)
- Built-in microphone and speaker for two-way communication

AC powered

## Outdoor Camera (KX-HNC600)  Max.4 *2

- Full-color camera with night vision and built-in microphone for live monitoring and recording
- Built-in visual sensor and infrared sensor (motion detection) can be used to trigger other actions (camera recording, turning on a light, etc.)
- Built-in microphone and speaker for two-way communication
- Splash-proof design for permanent, outdoor installation (IP55)

AC powered

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# 🔷 What are accessories for?

### Smart Plug (KX-HNA101)   Max.50 *1

- Can be turned on and off when using the app or when triggered by a sensor
- Built-in overcurrent detection for added peace of mind
- Power consumption is logged for your reference

AC powered

### Water Leak Sensor (KX-HNS103)   Max.50 *1

- Uses a small probe that can detect water
- Can be used to trigger other actions (camera recording, turning on a light, etc.)

Battery Operated

### Glass Break Sensor (KX-HNS104)   Max.50 *1

- Uses a microphone that can detect the unique sound frequencies that are produced when glass breaks
- Can be used to trigger other actions (camera recording, turning on a light, etc.)

Battery Operated

### Indoor Siren (KX-HNS105)   Max.50 *1

- Uses a loud speaker and strobe light to alert you when the alert system is triggered
- You can enable and disable the loud speaker and strobe light for each siren

AC powered

### Access Keypad (KX-HNK101)   Max.50 *1

- Allows you to quickly confirm and change the system's arm mode
- Can be wall mounted inside your home near the entrances and exits for easy access

AC powered

### Keychain Remote (KX-HNK102)   Max.50 *1

- Allows you to quickly change the system's arm mode as when you come home or are going out
- Can be used to trigger a pre-programmed operation, such as turning on a smart plug or sounding an alert
- Can be attached to a set of keys for added convenience

Battery Operated

### Backup Battery (KX-HNP100)   Max.50 *1

- Supplies power to your Hub or other devices in the event of a power outage
- Can be used to trigger the Hub to call a pre-programmed phone number in the event of a power outage

Rechargeable Batteries

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# 🔷 What are accessories for?

**Garage Door Sensor (KX-HNS107)**   Max.50 *1

- Detects when the garage door has been opened and closed
- Allows the system to notify you when the garage door is opened, and when it has been left open
- Can be used to trigger other actions (camera recording, turn on a light, etc.)

`Battery Operated`

**Smart Motion Light (KX-HNL100)**   Max.50 *1

- Lights automatically when its built-in infrared sensor (i.e., heat sensor) detects motion at night
- Can be turned on when another sensor is triggered
- Can be used to trigger other actions (camera recording, turning on a light, etc.)

`Battery Operated`

* Some functions may require an optional device and a commercially-available microSD / microSDHC card.

*1  A total of 50 accessories can be registered to the hub, including Smart Plugs, Sensors (Motion, Window/ Door, Water Leak, Glass Break, Garage Door), Access Keypads, Keychain Remotes, Backup Batteries,  Smart Motion Lights and Indoor Sirens.

*2 A total of 4 cameras can be registered to the hub, including outdoor cameras and indoor cameras.

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# Home Monitoring

**Remotely check if your kids have safely returned home using an indoor camera and sensors**

**Product Combination**

HUB
[KX-HNB600]

Indoor Camera
[KX-HNC200]

Motion Sensor
[KX-HNS102]

Window/Door Sensor
[KX-HNS101]

**Features**

- Monitor remotely
- Sensor notification
- 2 way communication

You can be notified that your kids have safely got home on your smartphone or tablet using a door sensor, motion sensor, or the indoor camera's built-in motion sensor.
The indoor camera's built-in mic and speaker let you talk to your kids via your smartphone or tablet.

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# Home Monitoring

**Communicate with kids while you are on a business trip**
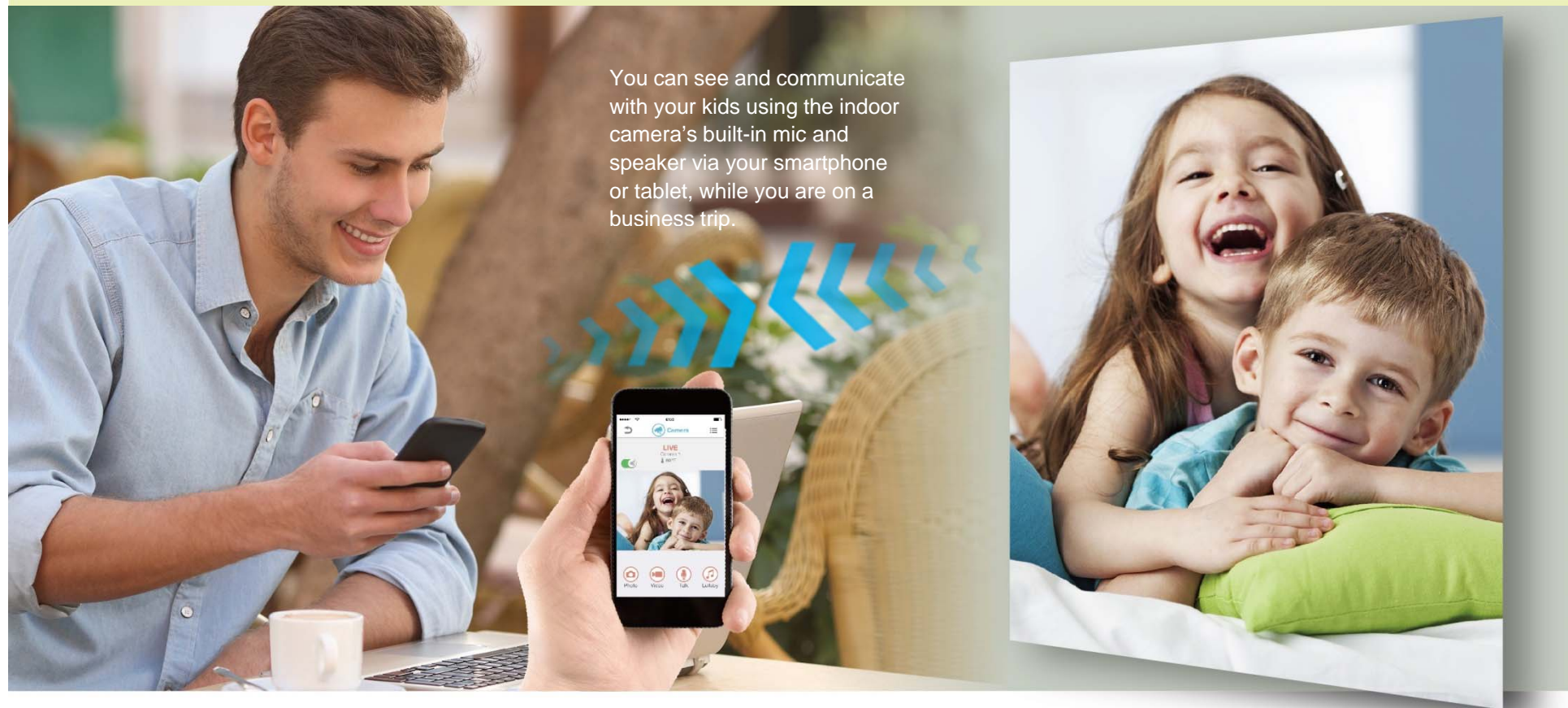
**Product Combination**

**HUB**
[KX-HNB600]

**Indoor Camera**
[KX-HNC200]

**Features**
- Monitor remotely
- 2 way communication

You can see and communicate with your kids using the indoor camera's built-in mic and speaker via your smartphone or tablet, while you are on a business trip.

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# Home Monitoring

**Monitor your pets remotely anytime and anywhere, while you're away from your home**

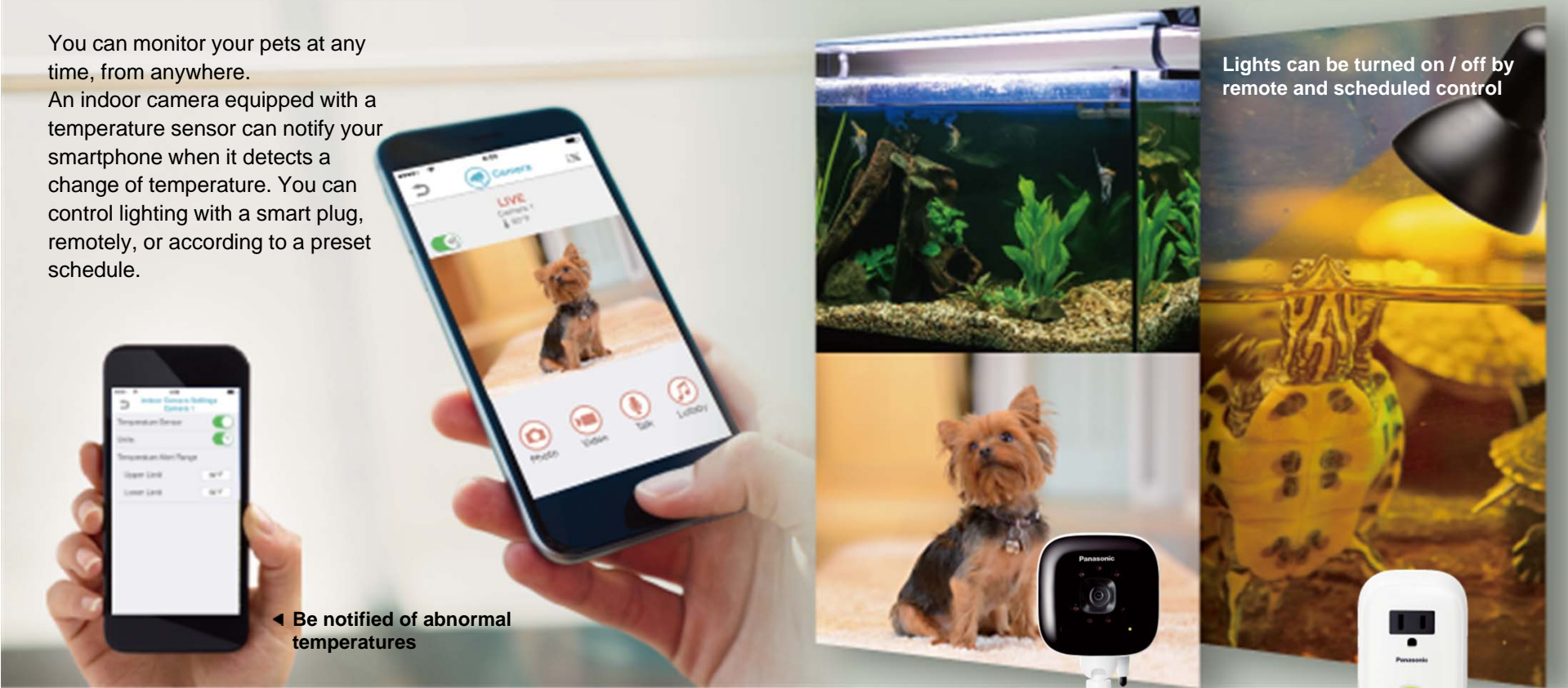**Product Combination**

**HUB**
[KX-HNB600]

**Indoor Camera**
[KX-HNC200]

**Smart Plug**
[KX-HNA101]

**Features**
- **Monitor remotely**
- **Sensor notification**
- **Remote and scheduled control**

You can monitor your pets at any time, from anywhere.
An indoor camera equipped with a temperature sensor can notify your smartphone when it detects a change of temperature. You can control lighting with a smart plug, remotely, or according to a preset schedule.

◄ **Be notified of abnormal temperatures**

**Lights can be turned on / off by remote and scheduled control**

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# Home Control

**Control room lighting right from your bed**

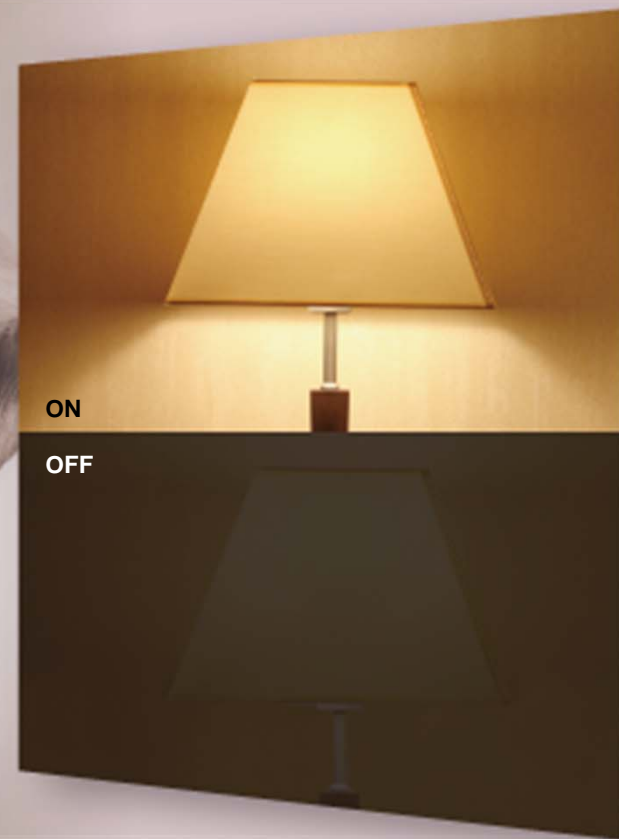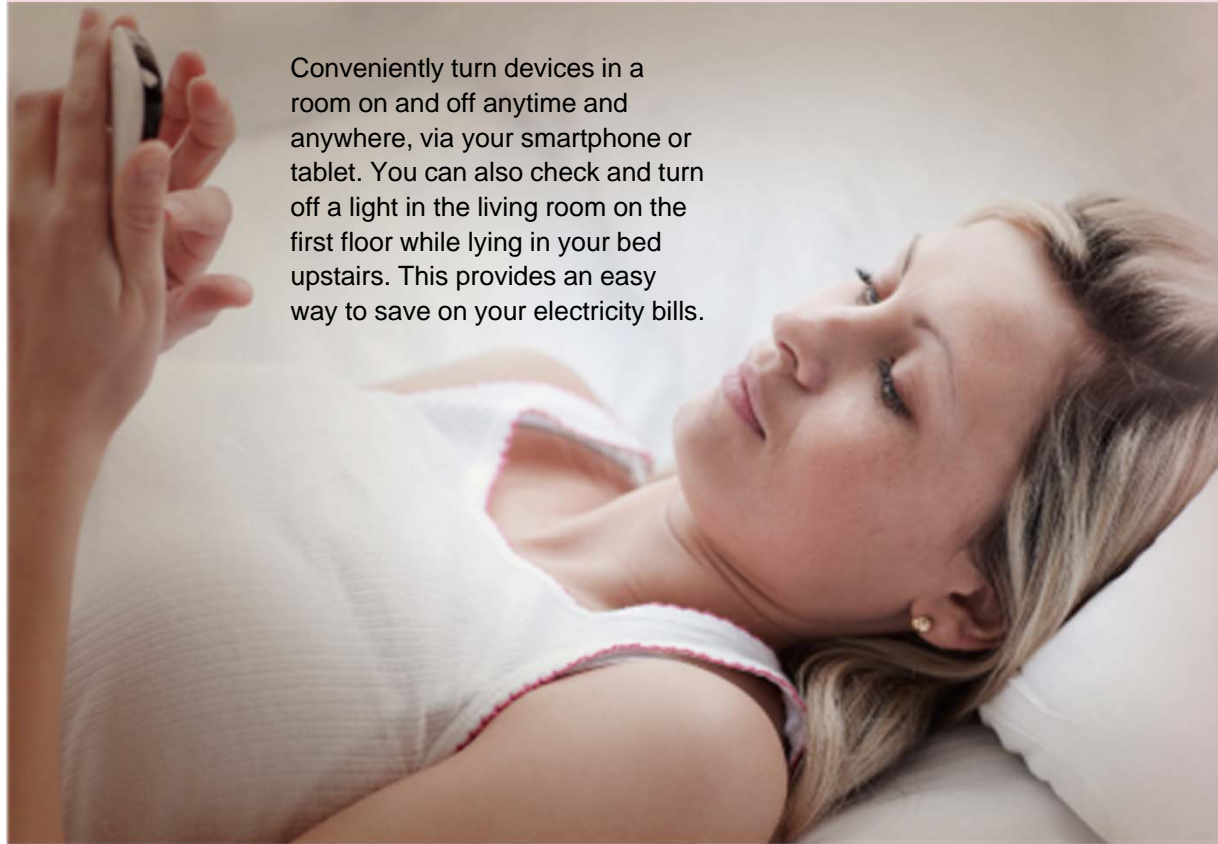## Product Combination

**HUB**
[KX-HNB600]

**Smart Plug**
[KX-HNA101]

## Features

■ **Remote control**

Conveniently turn devices in a room on and off anytime and anywhere, via your smartphone or tablet. You can also check and turn off a light in the living room on the first floor while lying in your bed upstairs. This provides an easy way to save on your electricity bills.

ON

OFF

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# Home Safety

**Control lighting so that it appears as though someone is in the house, to prevent burglars from entering**
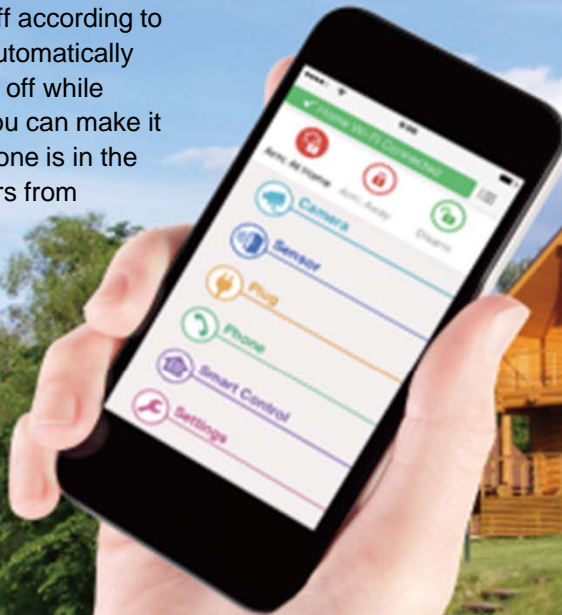
**Product Combination**

**HUB**
[KX-HNB600]

**Smart Plug**
[KX-HNA101]

**Features**
- Remote control
- Automatic control with preset schedule

You turn devices in a room on and off at anytime and anywhere, via your smartphone or tablet. You can also turn the power on and off according to a preset schedule. By automatically turning the lights on and off while you're away on a trip, you can make it appear as though someone is in the house to prevent burglars from entering.

**Turn off / on with preset schedule**

ON OFF

**Turn off / on by remote control**

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# Home Control

**Control the room lighting by connecting a motion sensor and window/door sensor**

**Product Combination**

**HUB** [KX-HNB600]

**Smart Plug** [KX-HNA101]

**Motion Sensor** [KX-HNS102]

**Window/Door Sensor** [KX-HNS101]

**Features**

■ **Motion sensor connection**

Connecting a smart plug and motion sensor or window/door sensor allows the lights to be automatically turned on by detecting movement when you come home in the evening, or when you wake up at night to use the bathroom or go into another room.

Light on

Walk through the hall with a motion sensor installed

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# Home Control

**Automatically turn lights on with a home Wi-Fi connection**

| Product Combination | | | Features | Automatically turn lights on |
|---|---|---|---|---|

**HUB**
[KX-HNB600]

**Smart Plug**
[KX-HNA101]

When you come home or approach the home in the evening and your smartphone is connected to home Wi-Fi, that can be a trigger to automatically turn on the lights connected to a smart plug in the room.

Light on

**Wi-Fi network**

* Wi-Fi is a trademark or registered trademark of Wi-Fi Alliance.

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# Home Safety

## Check who is visiting your home remotely and at home

**Product Combination**

HUB
[KX-HNB600]

Outdoor Camera
[KX-HNC600]

**Features**
- Monitor remotely
- Monitor at home

An outdoor camera is equipped with video motion detectors that, when activated, send an alert to your smartphone or tablet. You can also check who is visiting at your home and start talking.

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# Home Safety

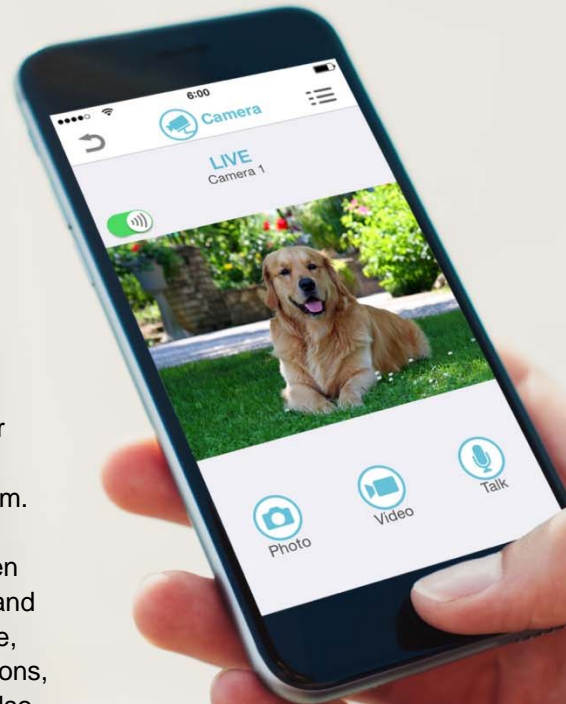**Confirm safety to keep your family safe and your home protected**

| Product Combination | | | Features | ■ Check the situation outside from inside your home |
|---|---|---|---|---|
| | HUB [KX-HNB600] | Outdoor Camera [KX-HNC600] | | ■ Check the status of pets |

Keep an eye on the exterior of your home from anywhere with the Panasonic Home Monitoring System. Set up outdoor cameras to cover entrances, the garage, patio, garden and other exterior locations. View and record an area or space in real time, day or night and in low-light conditions, from inside your home.  You can also monitor your pet.



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# Home Safety

**Be alerted of a home intruder even while you're at work**

**Product Combination**

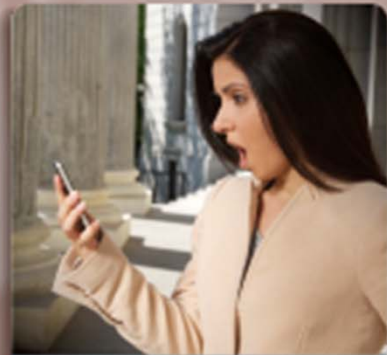| HUB [KX-HNB600] | Indoor Camera [KX-HNC200] | Outdoor Camera [KX-HNC600] | Motion Sensor [KX-HNS102] | Indoor Siren [KX-HNS105] | Window/Door Sensor [KX-HNS101] |

**Features**
- Sensor notification
- Monitor remotely
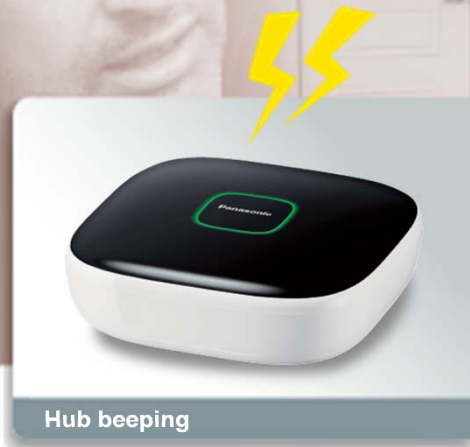- Automatic camera recording

Even when there's nobody at home, you can be alerted that a window or door that's equipped with a sensor has been opened. If an intruder enters the house, he or she can be recorded by an indoor or outdoor camera for evidence. The siren can work as a warning making a loud sound and flashing an LED light when triggered by sensors.

**Automatic camera recording**

**Makes a loud sound and flashes an LED light when triggered by sensors.**

**Receive notifications on your smartphone or tablet and monitor remotely**

**Hub beeping**

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# Home Monitoring

**Keep an eye on a baby in another room even while you're cooking**
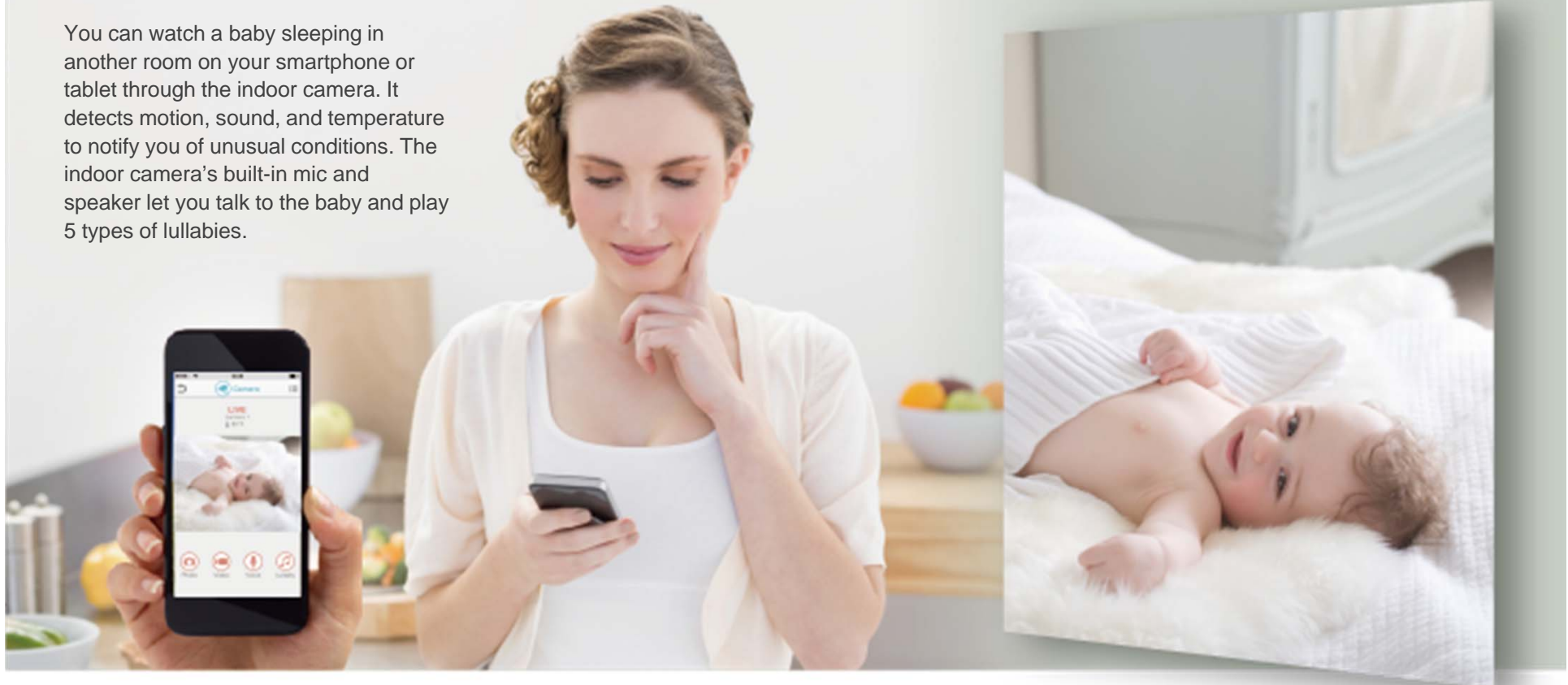
**Product Combination**

**HUB**
[KX-HNB600]

**Indoor Camera**
[KX-HNC200]

**Features**
- Baby monitor
- Play 5 lullabies
- 2 way communication

You can watch a baby sleeping in another room on your smartphone or tablet through the indoor camera. It detects motion, sound, and temperature to notify you of unusual conditions. The indoor camera's built-in mic and speaker let you talk to the baby and play 5 types of lullabies.

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# Home Monitoring

## Detect water leaks and send 3 way notification

**Product Combination**

HUB
[KX-HNB600]

Water Leak Sensor
[KX-HNS103]

Digital Cordless Handset
[KX-HNH100]

**Features**
- Water leak detection
- 3 way notification

Receive notifications on your smartphone or tablet and monitor remotely

Basement, water leak detected.

Alerting a handset

When the water leak sensor detects a water leak, the smartphone app is automatically notified and the hub beeps. Notifications can be checked when you are inside or outside the home. If you have a cordless handset, it can also announce the location and name of the sensor.

Hub beeping

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# Home Control

**Useful tools to make the operation easier and quicker**

**Product Combination**

HUB
[KX-HNB600]

Access Keypad
[KX-HNK101]

Keychain Remote
[KX-HNK102]

**Features**

- Easy and quick arming disarming
- Trigger of pre-programmed operation

One touch arming

Easy disarming

DECT Area

One touch disarming

Using an Access Keypad or a Keychain Remote makes it easy and quick to change ARM and DISARM when you come home or go out without activating an app on your smartphone.
A customizable smart button on a Keychain Remote can be used to trigger a pre-programmed operation such as turning on / off a smart plug or triggering an alarm system.

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# Home Control

**Product Combination**

| Backup Battery [KX-HNP100] | HUB [KX-HNB600] | Indoor Camera [KX-HNC200] | Outdoor Camera [KX-HNC600] | Indoor Siren [KX-HNS105] |
| --- | --- | --- | --- | --- |

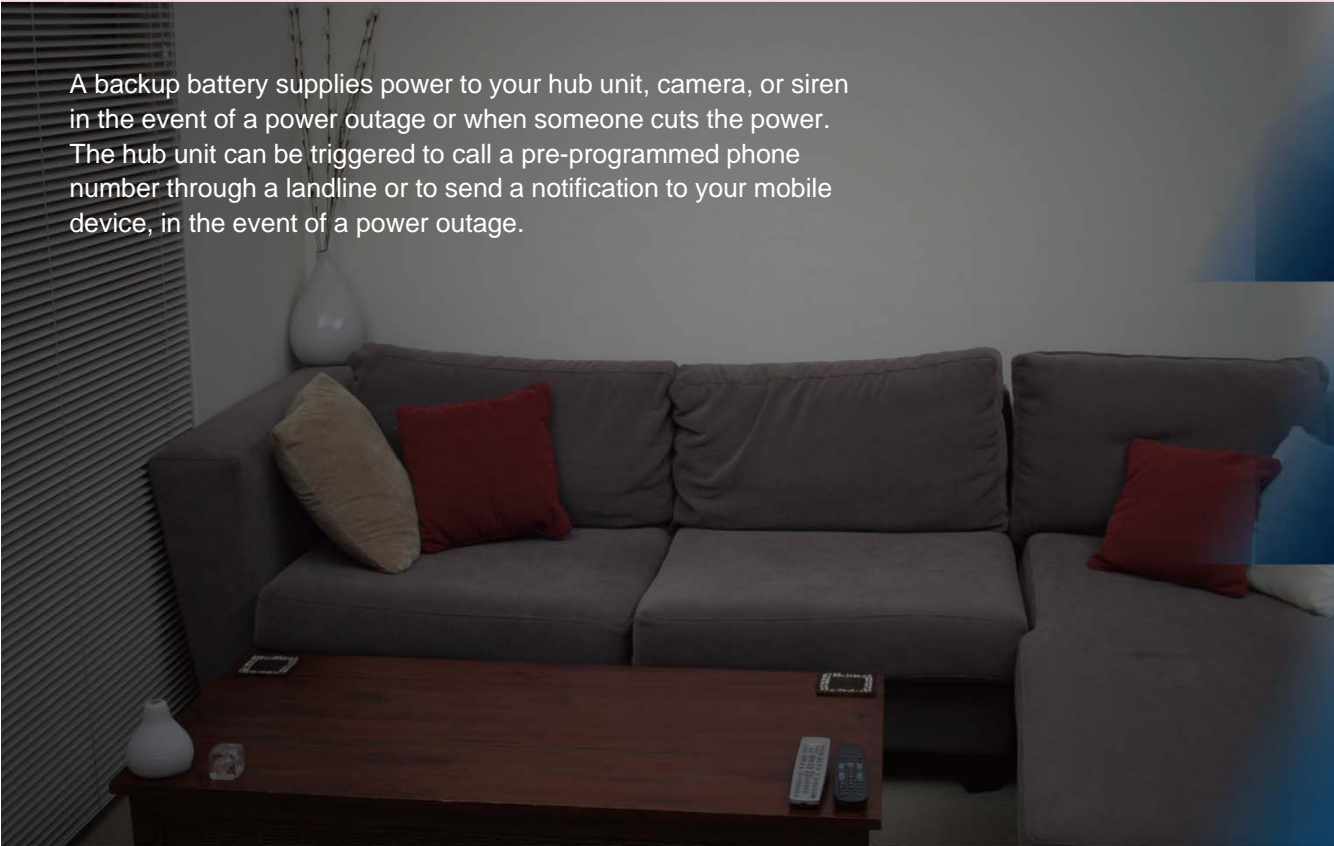**Features**

- Backup power supply
- Notification of power outage

A backup battery supplies power to your hub unit, camera, or siren in the event of a power outage or when someone cuts the power. The hub unit can be triggered to call a pre-programmed phone number through a landline or to send a notification to your mobile device, in the event of a power outage.

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# Home Safety

Detect the sound of glass breaking in the house

## Product Combination

| Glass Break Sensor [KX-HNS104] | HUB [KX-HNB600] | Indoor Camera [KX-HNC200] | Outdoor Camera [KX-HNC600] | Indoor Siren [KX-HNS105] |
| --- | --- | --- | --- | --- |

## Features

- Sensor notification
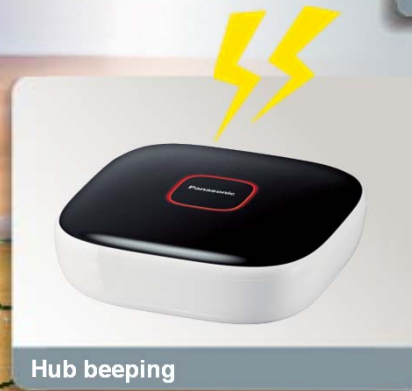- Monitor remotely
- Automatic camera recording

When the glass break sensor detects the sound of glass breaking, the smartphone app is automatically notified, the hub beeps, and the indoor siren makes a loud sound. Notifications can be checked when you are inside* or outside the home.
It can also be used together with an indoor camera or outdoor camera to start recording when the sensor is triggered.

Receive notifications on your smartphone or tablet and monitor remotely

Makes a loud sound and flashes an LED light when triggered by sensors.

Hub beeping

Automatic camera recording

* Requires a setting to be changed by the user.

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# Home Monitoring

**Check whether the garage is open or closed when away from home**

**Product Combination**

HUB
[KX-HNB600]

Garage Door Sensor
[KX-HNS107]

Outdoor Camera
[KX-HNC600]

Smart Plug
[KX-HNA101]

**Features**

- Sensor notification
- Automatic camera recording
- Monitor remotely
- Trigger other devices

A notification will be sent to your smartphone or tablet when you forget to close the garage. You can check remotely whether the garage is open or closed when away from home. Even at home, you will not need to go out to the garage for checking.
It can be programmed to trigger other devices, such as recording video or turning on a light when the sensor is detected.

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# Home Safety

**LED light turns on or flashes when motion is detected**

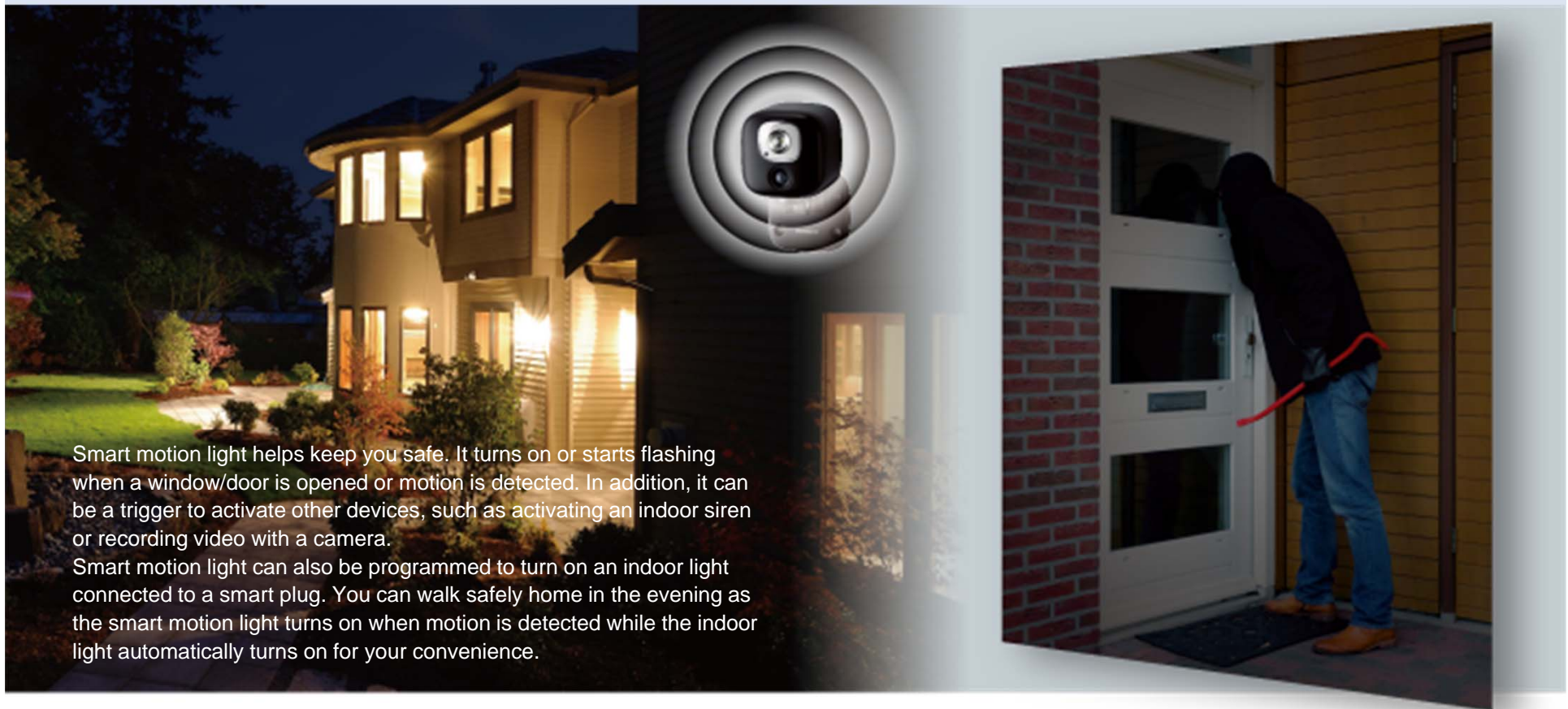| Product Combination | | | | | |
|---|---|---|---|---|---|
| | HUB [KX-HNB600] | Smart Motion Light [KX-HNL100] | Outdoor Camera [KX-HNC600] | Smart Plug [KX-HNA101] | Indoor Siren [KX-HNS105] |

**Features**
- Automatically turn lights on
- Flashes LED light
- Trigger other devices

Smart motion light helps keep you safe. It turns on or starts flashing when a window/door is opened or motion is detected. In addition, it can be a trigger to activate other devices, such as activating an indoor siren or recording video with a camera.

Smart motion light can also be programmed to turn on an indoor light connected to a smart plug. You can walk safely home in the evening as the smart motion light turns on when motion is detected while the indoor light automatically turns on for your convenience.

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