

Works with...



CONNECTED HOME TERMINOLOGY

Revisit this list as it will be updated as ‘connected’ world evolves and we extend our range of product at Globe HTH.

1080P	This will be included in product descriptions for cameras, doorbells etc. It’s an indication of how many pixels make up an image – essentially it means it’s a high definition image. The ‘P’ means ‘progressive scanning’ – joining together of many images to make a moving image. Think of photography joined together to make a film.
Wi-Fi	A method of allowing computers, smartphones, or other devices to connect to the Internet or communicate with one another wirelessly within a particular area.
Eufy	pronounce ‘yewwfee’. A brand of our connected home products.
Amazon Alexa Voice Services	(AVS) or ‘Alexa’. is Amazon’s suite of services built around its voice-controlled for environments. Amazon’s intelligent speaker ‘Echo’, enables voice interaction with various systems in the environment and online used with smart phones, tablets and remote controls. Voice commands can be given to Alexa to control smart home automation devices including lights, thermostats, locks, cameras and other devices.
Associations	The process of adding a device to a group. For example, a living room may have four smart switches and bulbs. Rather than turn each on and off, they can be added to the group “Living room lights” and can be controlled by saying “Hey Google, turn off the living room lights”.
Bluetooth	A wireless protocol – a way of communicating - that is popular among smart home and consumer electronic devices most often used to connect to speakers and earphones to play music wirelessly.
Google Home	Google Home is a smart speaker developed by Google after the Amazon Echo. They work the same way except that this smart speaker uses Google Assistant which is like Alexa and enables users to speak voice commands to interact with services. The Wake Word is “Hey Google” allowing users to listen to music, look at videos or photos, or receive news updates etc and also has integrated support for home automation features, letting users speak commands to the device to control smart home appliances.

Hub	In a smart home the Hub is the central device that allows all the different products attached to it (lights, locks, thermostats) to work together. Examples are Apple devices & Apple HomeKit; Android Smartphone or a Google Home and Amazon Echo Smart Hub.
Hue	Pronounced – ‘Hew’. The family of smart bulbs and lighting products from Philips available from Globe. They can be controlled using the Hue app on your smart device – for example controlling the colour or intensity of the lights in a room from your phone.
IFTTT	Initialism for “If this, then that”. A software platform that connects apps, devices and services from different developers such as Amazon, Google & Apple to all work together involving apps, devices and services. IFTTT is the free way to get all your apps and devices talking to each other.
IoT (Internet of Things)	This is the term given to devices that are able to communicate both with each other and with the wider world via the web such as live security camera footage streaming to your smart phone and remotely controlling air conditioning and lighting in your home from anywhere.
LED Bulb	Stands for Light Emitting Diode. These modern light bulbs use very little power – typically 10% or less of the traditional incandescent bulbs and give off virtually no heat. Most smart bulbs are LED Bulbs combined with a radio transmitter.
Mood	A Mood, when set is a collective of commands that will control devices at the same time for an event. Rather than just turn devices on and off, the lights can be dimmed, shades can be lowered and a temperature set to create a mood in the room. Each device receives a different command. For example, a Mood can be triggered called “Watch movie,” which does all of the following: “turn lamp A off, dim lamp B to 50%, lower the roller blind on Window C and turn the TV on”.
NLP (Natural Language Processing)	This is the ability of a device – to understand the spoken word /voice command and produce an action. It’s made possible by artificial intelligence in devices such as hubs with Alexa Voice Services or Google Home hubs that understand sentences such as ‘Hey Google, (wake word) turn on the kitchen lights’.
Node	A term used when discussing network security and setup which describes a Device on a home network. Each Node has a unique address, which the Controller uses to communicate and control it.
Pairing	Means the same as Include. It is the process adding a Device to a wireless network. The network can then control the Paired device. Unpairing is the opposite – removing the device from a wireless network.

Router	If a provider installs Internet in your home they will use a device called a Router to provide your Wi-Fi. A Router connects a local area network (LAN) to the Internet. In most home installations, the Router controls the wired (Ethernet) and wireless (Wi-Fi) networks as well as communication with the Internet. A Router is part of your computer network. If you have a smart TV and can access Netflix, YouTube etc, the TV will be connected to your router via Ethernet (blue) cable or Wi-Fi. Some connected home smart devices will also access the router.
Smart Home	The term commonly used to define a residence that has appliances, lighting, heating, air conditioning, TVs, computers, entertainment audio & video systems, security, and/or camera systems that can communicate with one another and can be controlled remotely on a time schedule, from any room in the home, as well as remotely from any location in the world by phone or internet or voice.
Wake Word	This is a word that when said aloud, will put a device in listening mode for voice control of products, where your command follows the Wake Word. An example is, "Hey Google, turn on the living room lights" or "Alexa, call Bob Smith's mobile".
Wireless Network	A group of electronic Devices linked together and communicating using radio waves (RF). Wi-Fi is a wireless network technology.

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