CENTURION

WIZO LINK

YOUR GATEWAY TO A WIRELESS FUTURE

Make anything wireless thanks to mesh network technology.

24 MONTH WARRANTY

WiZo-Link

WiZo-Link uses radio technology to create what is known as a mesh network. This may be described as a layer of radio communications (think of these as roads) where every device (**WiZo-Link**) is continually acting as a repeater for all the signals (the "traffic" or "vehicles" travelling on the "road") in the network, even if these devices are not associated with that **WiZo-Link**.

Make anything wireless thanks to mesh network technology

The **WiZo-Link's** value proposition is a simple one: **to make your life easier by pulling the plug on wires.**

Hard-wired connections have the following limitations.

They are:

- Costly
- Unsightly
- Time-consuming
- Fixed and inflexible

WiZo-Link takes all the hassle out of creating a **fully-connected home** by forming a wireless mesh network that can be effortlessly **scaled** and **expanded** according to your requirements.

Each **WiZo-Link** becomes a "**node**" in the network and talks to other nodes to create a sort of **intelligent** and **responsive** super-highway carrying signals over great distances. If the environment changes, the network simply finds a suitable detour to ensure that you remain connected.

Extendable range with redundancy

With **WiZo-Link**, range is no longer an issue. Unlike traditional starred networks, adding more devices actually strengthens the network since every device acts as a signal repeater. In addition, thanks to a system design that incorporates redundancy, the reliability of the network is guaranteed even if one of the devices stops working[1]. The signal will simply be "picked up" by the nearest working device.

1.Assumes more than two nodes

Not reliant on line-of-sight

Traditional networks may be compromised by the presence of buildings, trees and other structures obstructing the transmission path. Mesh networks like the one created by **WiZo-Link** automatically adapt to the environment by finding the optimal route for wireless communication. **WiZo-Link** is a bidirectional device, meaning that each device in the network acts as both transmitter and receiver, further strengthening the network and making for a truly robust wireless infrastructure that isn't reliant on line-of-sight transmission.

Eliminates wired civils

With **WiZo-Link**, there is no need to deface your property and spend large amounts of money on time-consuming, unreliable and inflexible wired connections.

A virtually unlimited list of possible applications

WiZo-Link enables you to wirelessly control and activate lights, electric gates, geysers, pool pumps, irrigation systems, air conditioners and a plethora of other electrical appliances. It's home automation made simple, and wireless!

Control your entire world with a single, centralised GSM unit

Bring your **WiZo** network to life by adding a **CENTURION G-ULTRA** GSM unit. All you'll need is a single, centralised GSM unit to monitor and control all your **WiZo-Linked** appliances via your mobile phone*. This is a far more cost-effective solution than installing a GSM unit at every appliance that you'd like to monitor and/or control, and you'll save a wad of cash on cabling and installation costs, not to mention the convenience of controlling your home from your phone.

*Each device that is to be monitored and/or controlled requires a Master Node in order to facilitate the input/output functionality of the Slave Node(s)

WiZo-Link networks can be grown to almost any size

The beauty of a **WiZo-Link** network lies in its superior flexibility and customisability. One could, for example, start by switching on a single outside light and gradually add to your network until there is a considerable number of "nodes" in your network, performing a variety of functions.

TECHNICAL SPECIFICATIONS

Supply Voltage Range	11.5V – 24V DC
Average current consumption	30mA
Peak current consumption	50mA
Operating temperature range	-15°C - 50°C
Maximum number of WiZo-Links in a network	50
Number of outputs to which a single input can link	10
Number of inputs that can be linked to a single output	10
Weight	65g
Dimensions	78mm W x 58mm D x 31mm H
Humidity	0 – 90% (non-condensing)

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