



CENTURION



YOUR GATEWAY TO A WIRELESS FUTURE

Make anything wireless thanks to mesh network technology.

Centurion Systems is a Company of the FAAC Simply Automatic Business Unit

FAAC
Simply automatic.





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**.

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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. The signal will simply be “picked up” by the nearest working device.

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-site 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.

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	300mA @ 12VDC
Peak current consumption	50mA (Open Collector)
Operating temperature range	1A, 30V AC/DC (Resistive)
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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Call 0860-CENTURION (0860 236 887) to order or to find out more

Technical support line: 0861 003 123 (Monday - Friday: 07h00 - 18h00, Saturday 8h00 - 13h30)

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