



CENTSYS



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



24
MONTHS
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 working¹. 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, heating system, pool pumps, irrigation systems, air conditioners and a plethora of other electrical appliances. It's home automation made simple, and wireless!

Optional: Add a G-Ultra to control your entire world with a single, centralised GSM unit

Bring your **WiZo** network to life by adding a **CENTSYS 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)

Optional WiZo-Solar

Optional: Take wireless convenience to the next level with the WiZo Solar: a fully autonomous, battery-powered module that can be used either as a signal repeater to extend the network range, or as a standalone monitoring solution.



Main features

- Convenient and flexible – can be mounted anywhere without having to run electrical wires
- No power supply needed – battery is charged via solar power
- Extend the range of an existing WiZo network
- Robust monitoring solution – use the included input* to remotely monitor fluid levels and other variable states
- Kit includes convenient solar mounting bracket

*The WiZo Solar does not have an output, and can therefore not be used as an activation device

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)

1248.D.02.0004_09092019

Tel: 1300 322 228

Email: sales@faac.com.au

E&OE. Centurion Systems (Pty) Ltd reserves the right to change any product without prior notice

www.centsys.com.au



CenturionSystems



CenturionSystems



@askCentsys



centurion.systems