

Comfort to Z-Wave



Cytech's Comfort Integrated Intruder Alarm/Home Automation System has a 2-way interface to a Z-Wave Network. Z-Wave is a next-generation wireless ecosystem that lets all your home electronics talk to each other, and to you, via remote control. It uses simple, reliable, low-power radio waves that easily travel through walls, floors and cabinets. Comfort with the UCM/Zwave supplements a Z-Wave network, providing the following benefits;

- Allows Z-Wave remote controls and switches to arm the Security System, or trigger an immediate Panic alarm or to control devices through Comfort.
- A Z-Wave motion or magnetic sensor can act as security sensor for the alarm system as well as trigger lighting based on time of day and other conditions.
- Z-Wave devices can be controlled and their status monitored using the Comfort iPhone application, or using any telephone, Comfort keypad, touchscreen, or by SMS from a mobile phone.
- Allows scheduled control of Z-Wave devices by Time Programs.
- Allows Alarm inputs and Alarm conditions to automatically turn on lights for intelligent integration of alarm and lighting.
- Gateway for Z-Wave to other systems connected to Comfort including like KNX, C-Bus, Lutron, Crestron etc.

Specifications of UCM/Zwave3

UCM/ZWave3 is a 3rd generation Z-Wave Interface for Comfort which has true 2-way communications with a Z-Wave network.

- PCB Size 108 x 88 mm
- Current consumption 50 mA
- Commands and status from Z-Wave network can be mapped to Counters, Sensors, Outputs, Responses, Virtual Inputs, Arm Security, and Panic.
- Supports Z-Wave Basic, Multichannel, and Sensor Classes.
- Acts as a Secondary Bridge Controller in the Z-Wave network allowing up to 128 Virtual Nodes to be added to the Z-Wave network. Virtual Nodes can be associated with a Z-Wave controller or switch.
- Comfort can send commands to any Zwave device.
- Configuration Programming by USB or Ethernet.
- Flash Firmware can be upgraded.

Comfort is a practical and affordable state-of-the-art integrated Home Automation and Security System which integrates the alarm, lighting, blinds, music and other home appliances into an Intelligent Home.

Schematic

