cortet™
by CEL

Z10 Range Extender
For use in various wireless sensor networks

EXPAND YOUR COVERAGE WITH THE Z10 RANGE EXTENDER | zigbee

Easy to Use
Compact, easy to install by plugging into any A/C outlet

Flexible
Minimize coverage dead spots with flexible zone placements

Expandable
Increase number of devices a zigbee coordinator can control

EZ Mode Commissioning
Network steering which helps your device pair

OVERVIEW

The Cortet Z10 Range Extender (CGW-Z-0010) is intended for use in various wireless sensor network (WSN), machine-to-machine (M2M), and Internet of Things (IoT) applications.

The Cortet Z10 Range Extender is a reliable, secure, and simple way to extend the range and/or capacity of a zigbee network. The Z10 is especially useful in large facilities or facilities with a poor RF environment. The Z10 acts as a relay for zigbee messages between zigbee devices that are otherwise out of range – for example, a Cortet Z10 Range Extender can be used to relay messages between zigbee end nodes and an otherwise out of range zigbee coordinator such as a Cortet E100 gateway. The Cortet Z10 Range Extender can also be used to increase the total number of zigbee devices that a zigbee coordinator can control.
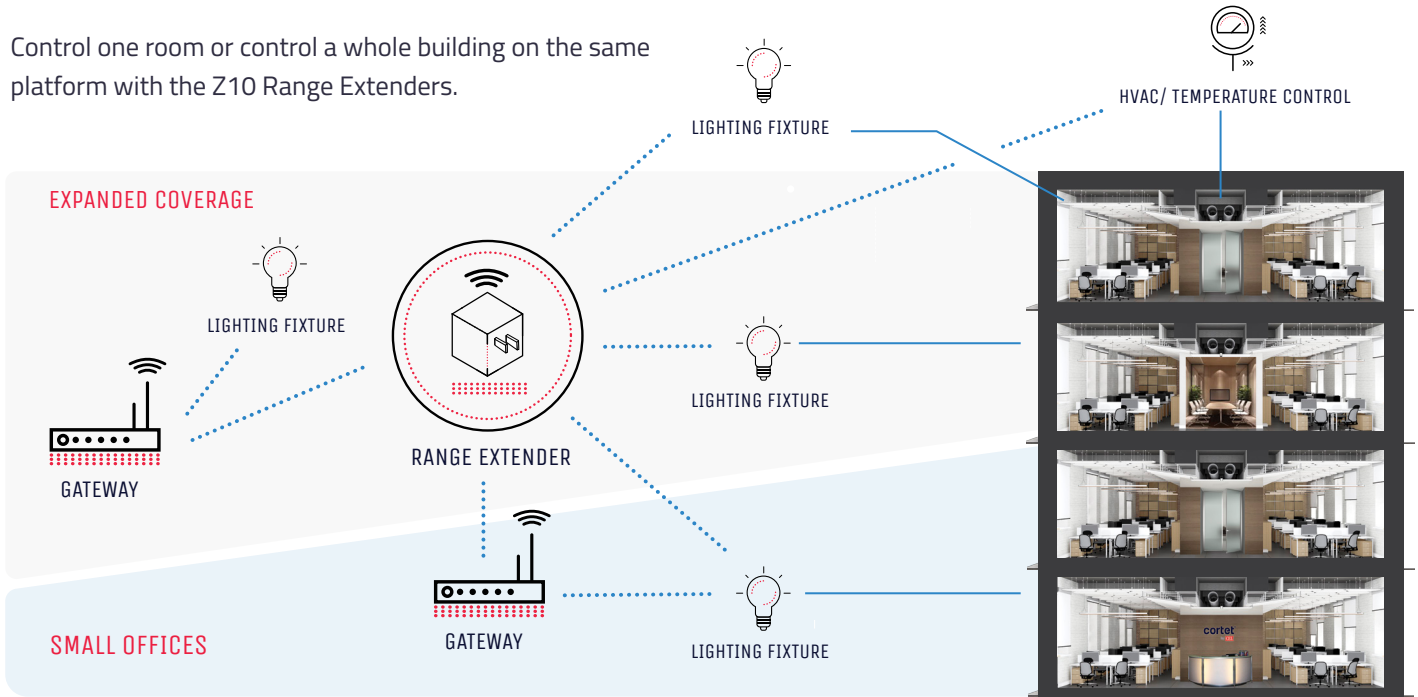
KEY BENEFITS

- A simple way to extend the range and/or capacity of a zigbee network

- Optimized for RF performance, providing industry leading range

- A compact and attractive design that is ideal for any project

PART NUMBER: CGW-Z-0010

For more information visit our website:
www.cortet.com

HOW IT WORKS

Control one room or control a whole building on the same platform with the Z10 Range Extenders.

EXPANDED COVERAGE

LIGHTING FIXTURE

LIGHTING FIXTURE

HVAC/ TEMPERATURE CONTROL

GATEWAY

RANGE EXTENDER

LIGHTING FIXTURE

SMALL OFFICES

GATEWAY

LIGHTING FIXTURE

COMMERCIAL BUILDING

▪ Hospitals ▪ Office Buildings ▪ Warehouses
▪ Industrial Building ▪ Airports

SPECIFICATIONS

Input AC Voltage	100-240 VAC, 50/60 Hz
Maximum Current Drain	0.07A
Operating Temperature Range	-20 to 40°C [-4 to 104°F]
Product Dimensions (includes mounting tab and blades)	60.3mm x 51.0mm x 59.2mm [2.37" x 2.00" x 2.33"]
Product Dimensions when installed (excludes blades)	60.3mm x 51.0mm x 42.1mm [2.37" x 2.00" x 1.66"]
AC input	IEC Type A, ungrounded, non-polarized

CORTET CONTROL PLATFORM

Your Smart Building
+ **Cortet Control System**

POWERED BY **cortet** ™

CERTIFIED **Luminaires**

CERTIFIED **Controls**

CERTIFIED **Sensors**

CERTIFIED **LED Driver**

3RD Party Devices **cortet** CERTIFIED