



# ZigBee Gateway



With so many applications requiring a low entry level gateway, Telegesis now offers a cost effective communications solution based around our "best in class" ETRX357 module technology.

**LOW  
COST  
ENTRY  
LEVEL**

**SUITABLE  
FOR  
MULTI  
NETWORK  
SUPPORT**

**OPTIONAL  
EXTRAS  
AVAILABLE  
(POE, WI-FI,  
GSM)**

**OEM  
BRANDING  
AVAILABLE**



[www.telegesis.com](http://www.telegesis.com)

# ZigBee® Gateway

The Telegesis ZigBee Gateway can provide the perfect transport mechanism allowing you to access your ZigBee sensor networks – implementing control either via the cloud or locally using a tablet or cell phone. Network managers now have the flexibility to set standard parameters to automate their network whilst maintaining the ability to over-ride or update these configurations remotely. With secure industrial standards such as HTTPS, SSSL and AES128 you can be sure that your system and data are safe.

The Telegesis ZigBee Gateway is also ideal as a Consumer Access Device for ZigBee Smart Energy and Home Automation deployments permitting access to data and remote device control to the home owner.

Typical application areas	Supports public profiles
Commercial Lighting	ZigBee Smart Energy applications
Health & Fitness Monitoring	Wireless alarms and security
Industrial Sensor Network Coordinator	Home/building automation
	M2M industrial controls
	Lighting and ventilation control

## Features & benefits

Via the password protected browser interface the developer can configure the behavior and functions of the device.



## Hardware features

Less than 1 Watt power consumption	Upgradeable to two ETRX3 series modules – 1 x HAN plus 1 x ZSE
Powered by Micro USB connector	LEDs for status reporting and user interface
802.3af compliant Power over Ethernet (Optional)	Buttons for user input
Backup battery for RTC	LEDs for Ethernet link and activity status
100Mbps Ethernet, 10Mbps backward compatible	Each ETRX3 module can have an 8Mbit external flash memory for ZigBee OTA support
RS232 Interface (Optional)	Small form factor 89x86x27mm
RS485 Interface (Optional)	Wall mountable
SD Card Interface for data storage	Rubber feet for placing on a desktop surface
Internal Memory for configuration data storage	OEM branding available
Supplied with an ETRX3 series module	

## Software features

Less than 1 Watt power consumption	Can host the website on an SD Card
Ethernet Dial-in	Ability to use either DHCP or Static IP configuration
Ethernet Dial-out	Uses DNS for domain name resolution
SSL available on Ethernet Dial-out	Built-in RTC can be synchronised to an NTP server
Access to ZigBee module via website hosted on the Gateway	Firmware can be updated remotely via Ethernet
Password protected web pages for Gateway configuration	Allows firmware upgrading of the ETRX3 ZigBee module