



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

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, SSL 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

Commercial Lighting

Health & Fitness Monitoring

Industrial Sensor Network Coordinator

Supports public profiles

ZigBee Smart Energy applications

Wireless alarms and security

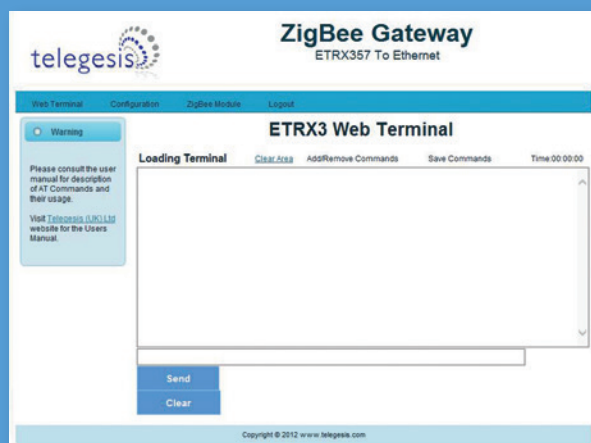
Home/building automation

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

Powered by Micro USB connector

802.3af compliant Power over Ethernet (Optional)

Backup battery for RTC

100Mbps Ethernet, 10Mbps backward compatible

RS232 Interface (Optional)

RS485 Interface (Optional)

SD Card Interface for data storage

Internal Memory for configuration data storage

Supplied with an ETRX3 series module

Upgradeable to two ETRX3 series modules – 1 x HAN plus 1 x ZSE

LEDs for status reporting and user interface

Buttons for user input

LEDs for Ethernet link and activity status

Each ETRX3 module can have an 8Mbit external flash memory for ZigBee OTA support

Small form factor 89x86x27mm

Wall mountable

Rubber feet for placing on a desktop surface

OEM branding available

Software features

Less than 1 Watt power consumption

Ethernet Dial-in

Ethernet Dial-out

SSL available on Ethernet Dial-out

Access to ZigBee module via website hosted on the Gateway

Password protected web pages for Gateway configuration

Can host the website on an SD Card

Ability to use either DHCP or Static IP configuration

Uses DNS for domain name resolution

Built-in RTC can be synchronised to an NTP server

Firmware can be updated remotely via Ethernet

Allows firmware upgrading of the ETRX3 ZigBee module