



Q53 ZigBee Gateway Device

ZIGBEE PAN MANAGEMENT OVER TCP/IP

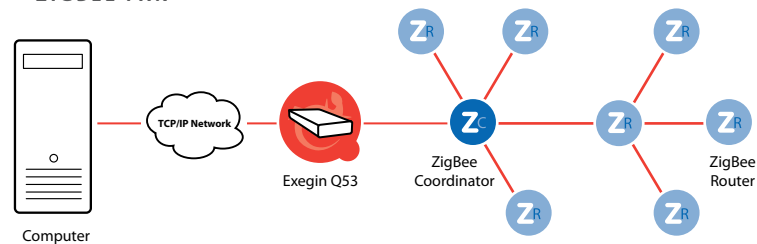
overview

Computers can remotely interact with nodes in a ZigBee PAN via the Q53 Gateway. Unlike a Bridge, which logically extends a PAN across an internet connection, a Gateway provides network services on behalf of a ZigBee PAN. These services are provided to network clients using SOAP, an open, well-supported, industry-standard remote procedure call (RPC) protocol.

Exegin provides an example application for controlling the Q53. Or use Exegin's IPHA framework to create your own application to talk to a ZigBee PAN.



REMOTELY ACCESSED ZIGBEE PAN



To other nodes in the PAN, the Q53 appears as a ZigBee Coordinator or Router.

benefits

- Reduces the cost of a ZigBee PAN by off-loading processing to a central server
- Allows central management of remote PANs through a rich user interface





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SPECIFICATIONS

■ SYSTEM REQUIREMENTS

- Web Administration: Internet Explorer 6.0 or Mozilla Firefox 1.0 (or later)
- Gecko Installation Tool: Windows XP, Vista, Windows 7. Installation may also be done from any command line capable of running Telnet

■ DIMENSIONS

- Metric – 65mm W x 23.5mm L x 111mm D
- Imperial – 2.55" W x 1.925" L x 4.4" D

■ WEIGHT

- Device – 105g / 4 oz.
- 110VAC Power Supply – 83g / 3 oz.
- 220VAC Power Supply – 94g / 3.5 oz.

■ POWER SUPPLY

- Available with external DC power supplies for most voltages and frequencies (120V / 60Hz – 220V / 50Hz)
- IEEE 802.11af Power Over Ethernet

■ ENVIRONMENTAL

- 0°C – 50°C operating
- -40°C – 85°C storage
- 95% maximum humidity, non-condensing

■ REGULATORY CERTIFICATION

- USA: FCC Part 15
- Canada: IECS-003
- EU: CE Mark

■ WARRANTY

- 1 year parts and labour

FEATURES

■ HARDWARE

- 10/100 Ethernet port
- 2.4GHZ 802.15.4 radio
Versions with 900MHz radios not yet available
- External antenna (RP-SMA male)
- Power: 6VDC barrel jack or Power over Ethernet (PoE)

■ FIRMWARE

- ZigBee Bridge capability (compatible with Q52 Bridge device)
- ZigBee Coordinator capability
- Web and Telnet servers for Configuration and Management
- SNMP Agent

■ SOFTWARE

- Easy network installation via Gecko management tool



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