

CONSUMER ELECTRONICS

PLC Network Device (M53)



M53

Features

- Data transmission through Powerline
- 10/100 Fast Ethernet Interface Connection
- Plug In and Data out
- Up to 14 Mbps Data Rate.
- Peer to Peer Networking
- 56 bit Data Encryption Security
- Instant Network Access
- Fully HomePlug 1.0.1 Compliant
- Username/Password protection
- Windows / MAC system Compliant

The ST&T iPower Point Powerline Network series products developed by ST&T Corp. represent a new and innovative solution for data communications and networking solution. This unique technology offers users a wide range of networking options by using powerline technology.

ST&T created iPower Point PLC platform to support rapid, cost-effective installation of the network services. It uses the existing power line as data transmission media to guide the home networking into the house. You get the instant network access in the family room, bedroom, kitchen or anywhere you can find an AC outlet.

It provides the best networking solution for the SOHO office and Home application. and make it easy for new ,innovative application to add advanced powerline voice, video, and data capabilities to the devices.

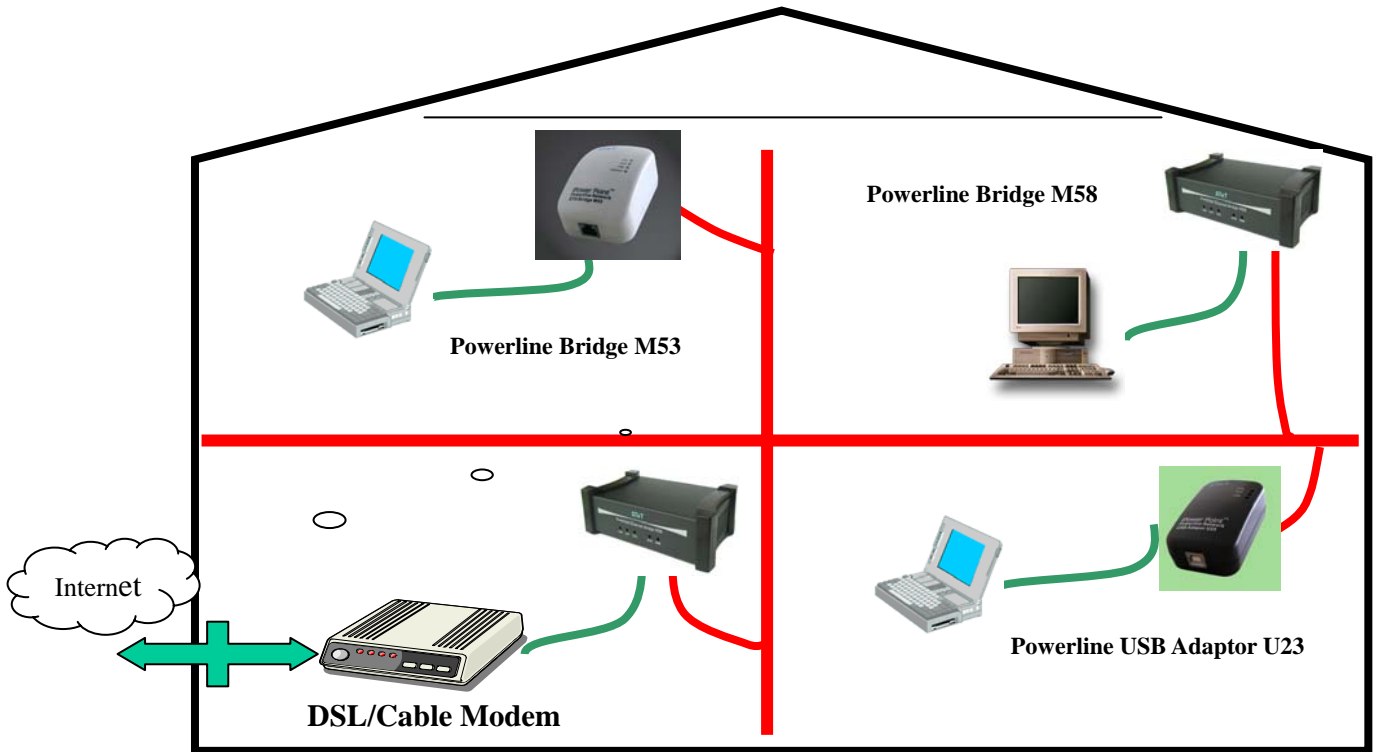
Specification

Network	
PLC Data Rate	Up to 14 Mbps
Frequency Band	4.3~20.9 MHz
Access Methods	CSMA/CA
Modulation	OFDM
Port	One Ethernet port
Standards	IEEE 802.3, IEEE 802.3U, HomePlug 1.0
Operating System	Window 98 SE, Me, NT, 2000,XP, MAC
Nodes	Supports up to 12 nodes per network
Encryption	56 bit Data Encryption with Key Management
LEDs	Link, Activity, Collision
Environment	0~70°C
Power Source	100~240 VAC, 50/60 Hz
Certification	FCC, UL, CE, HomePlug 1.0.1

Applications

- Network Devices
- Energy Management
- Information Appliance
- Automatic Meter Reading
- PLC Control Network
- Home Automation
- Internet Access

Setup Diagram:



Red line ----- Powerline Transmission

Green line ----- Data line transmission