



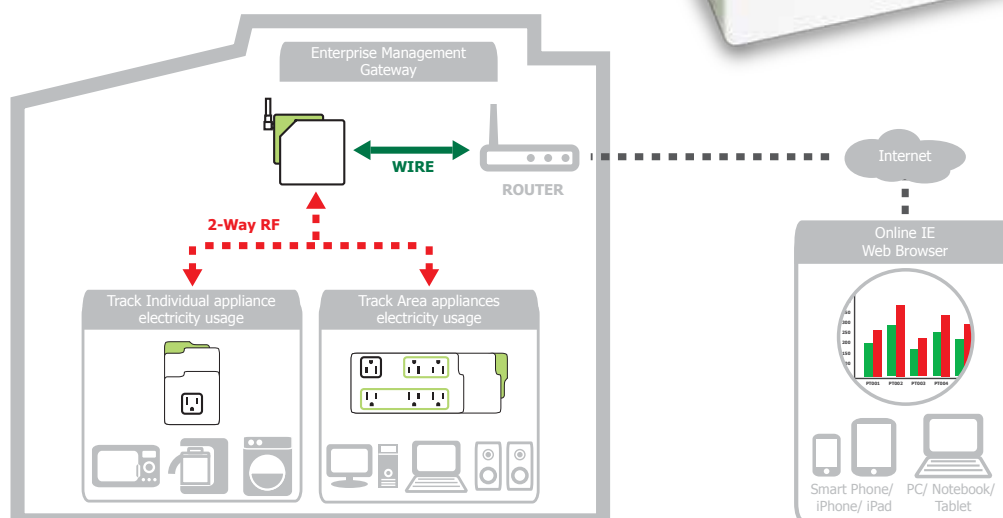
Enterprise Energy Management Gateway

Automatic Energy Saving & Monitoring

The GREEN POWERLINK Enterprise Series provides in-office energy display for administrator to track and monitor entire office and appliances energy consumption with CO2 emissions

Features

- * Remote IE Web Browsing Management & Power On/Off Control
- * Remote real time CO2, KW/h usage and Cost information display
- * RF data Receive & Transmit.
- * Support up to 9 power strip or wall tap devices easy for learning
- * Link Energy Management Software easy upgrade to large system
- * Analysis and Prediction future CO2, KW/h usage and Cost for each device
- * Budget cost control for each device
- * Real time remote device power on/off control
- * Scheduling regular device power on/off control
- * Device Decaying analysis and control
- * Budget cost over, Device decaying and surge protected warning via email, or SMS with event log for event process and management
- * History of CO2, KW/h and Cost data search for analysis and management

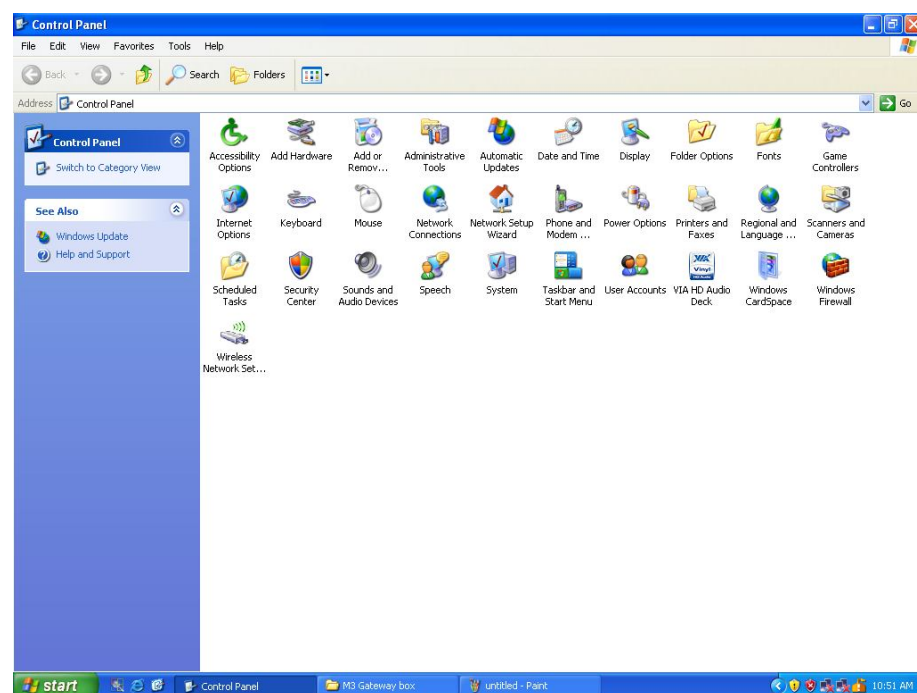


Energy Management Gateway Setup Guide M9PG01

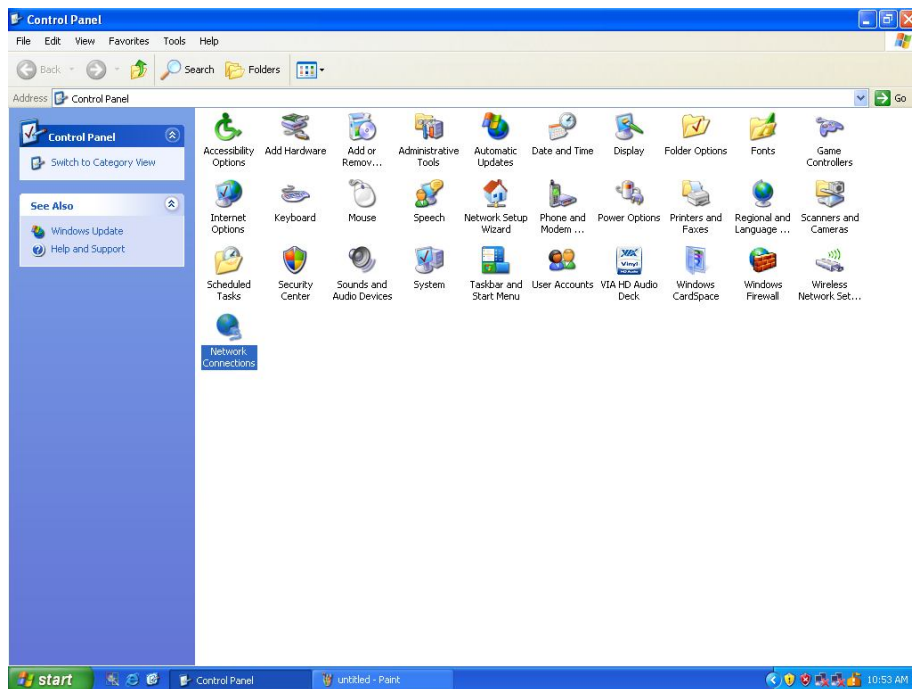
Browse and access Gateway within intranet network

On IE browser, user can browse the energy consumption of the appliances connected to the PowerLink Wall Tap or power strip, and control outlet power on/off.

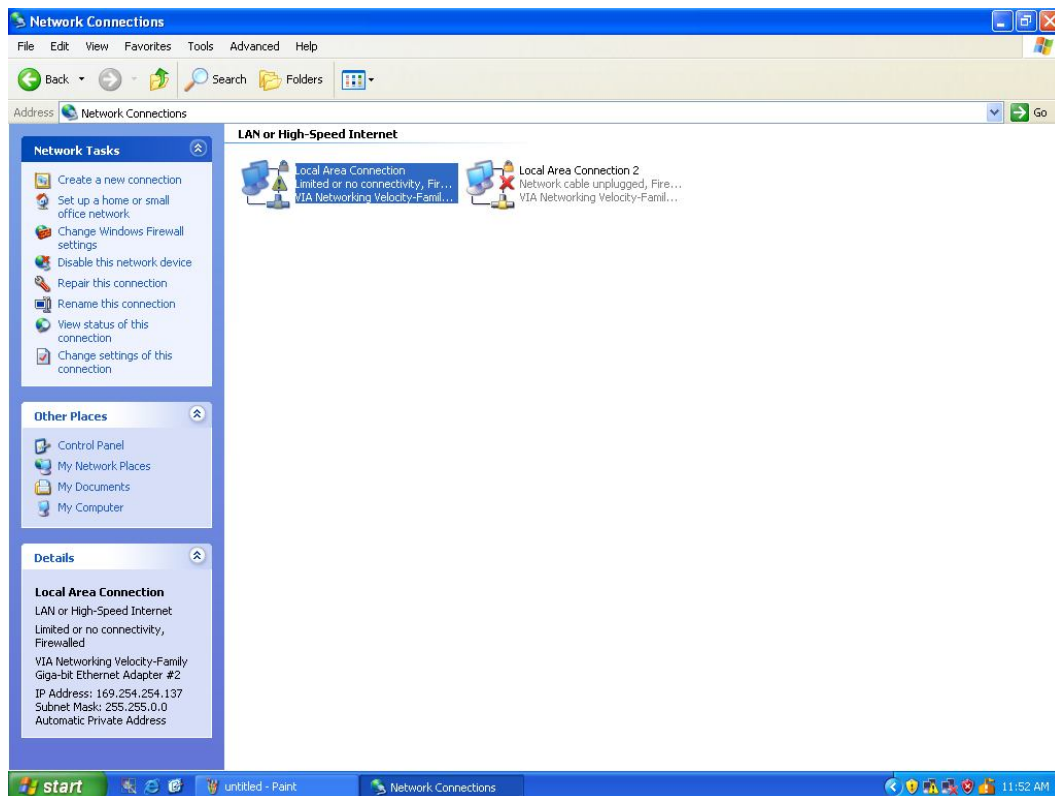
1. Enter the Control Panel of PC



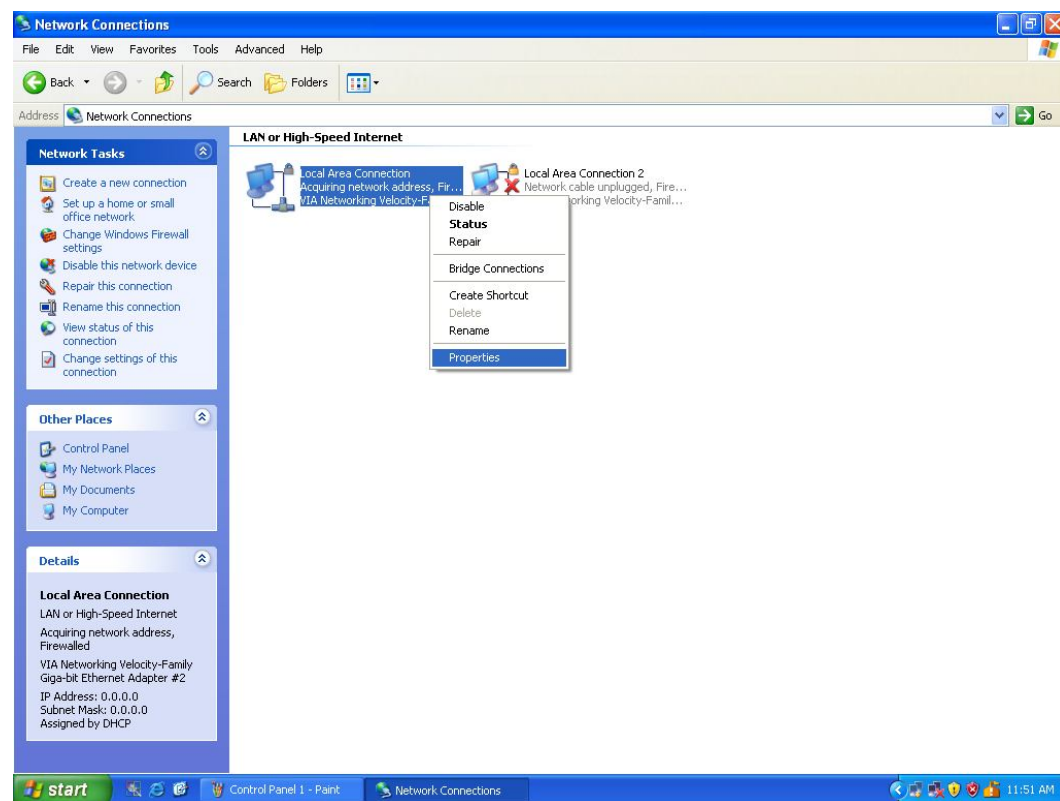
2. Select and double click Network Connections



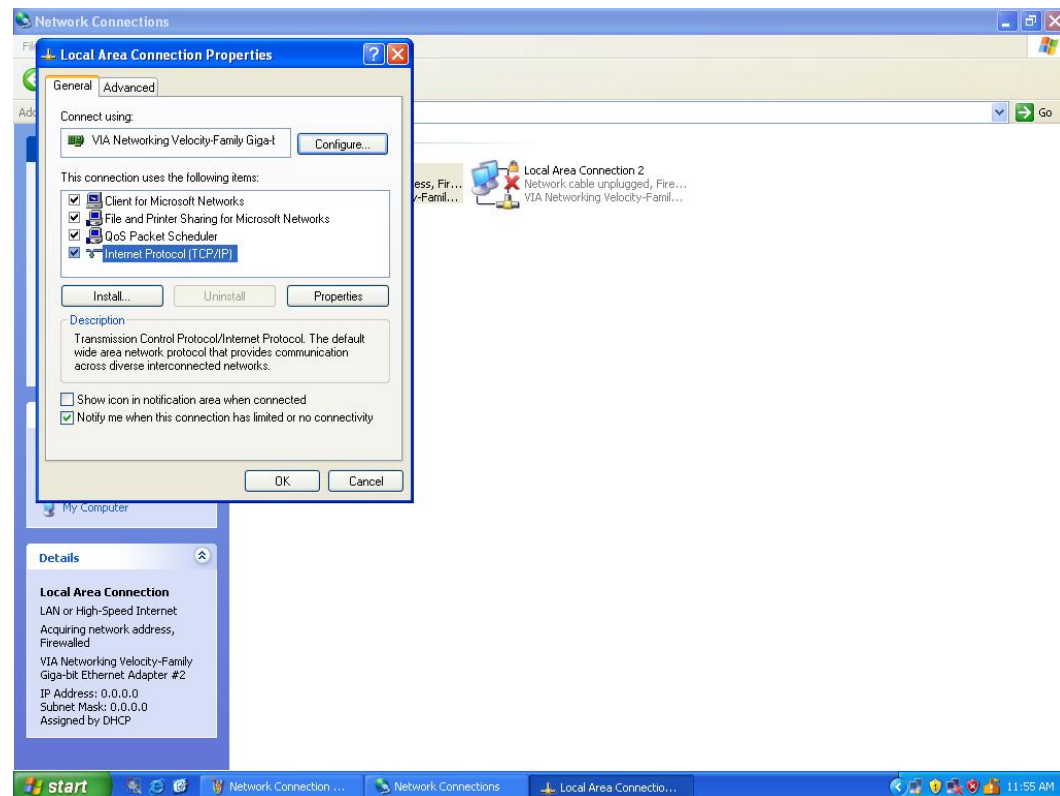
3. Select Local Area Connection



4. Right-click the mouse and select Properties



5. Select Internet Protocol(TCP/IP)

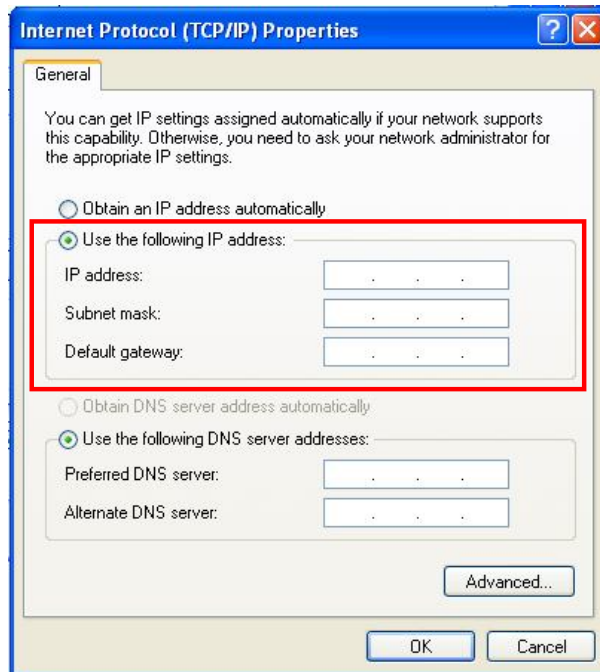


6. Select the “Use the following IP address” option and key in the following IP address information in the area, then press OK to exit.

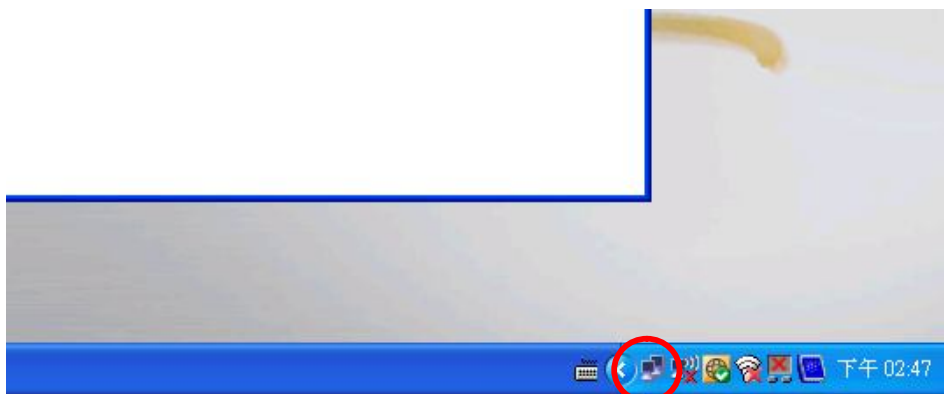
IP address: 192.168.1.100

Subnet Maske: 255.255.255.0

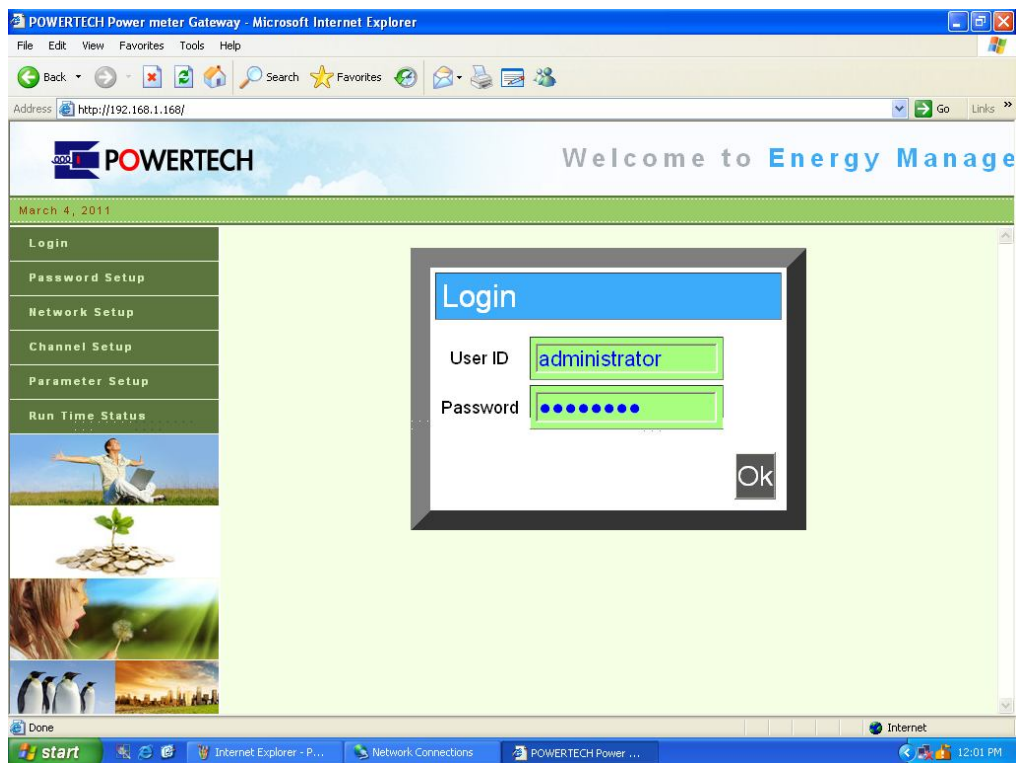
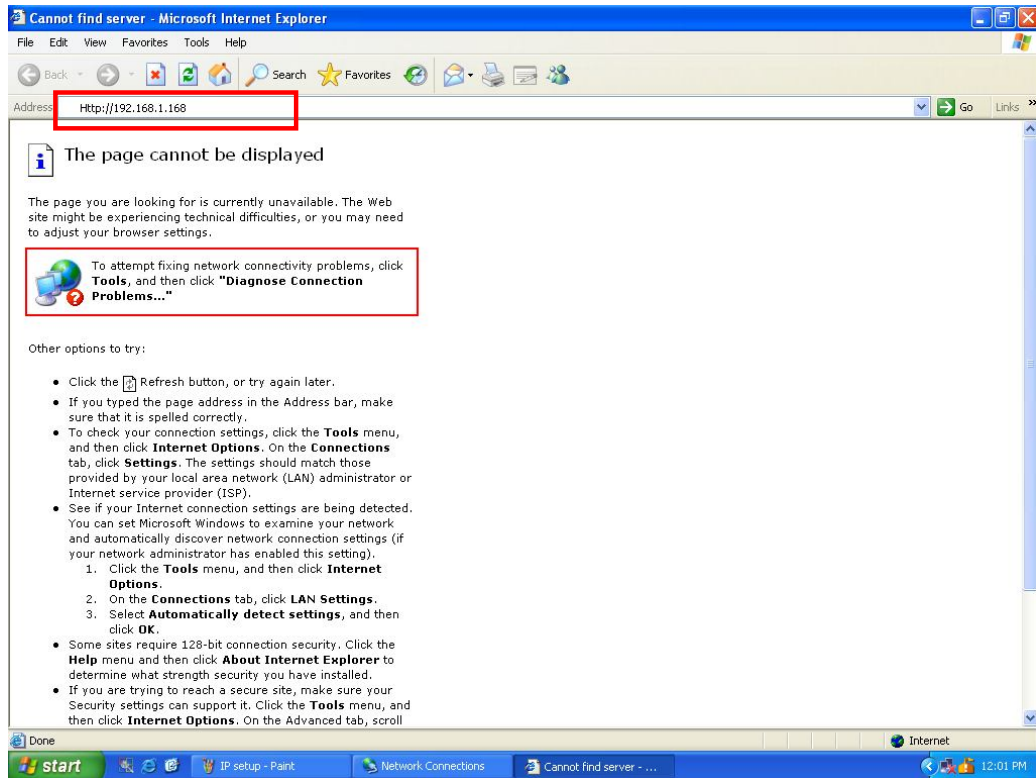
Default gateway: 192.168.1.1



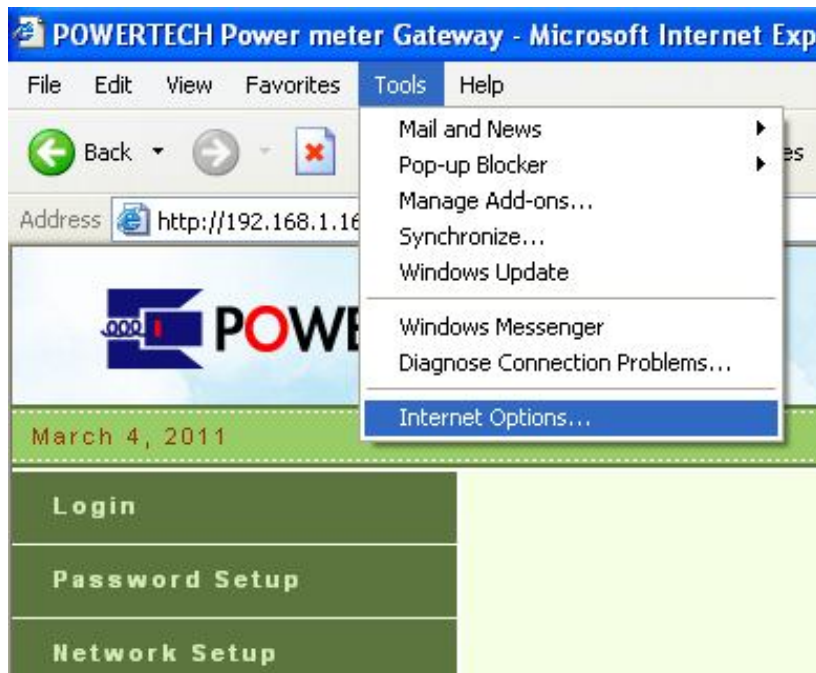
7. Connect one end of RJ45 Internet cable to the gateway (M9PG01), and the other end of internet cable to PC.
8. Connect the included AC/DC adaptor to the gateway (M9PG01). Network connection is working when you see the connection icon.



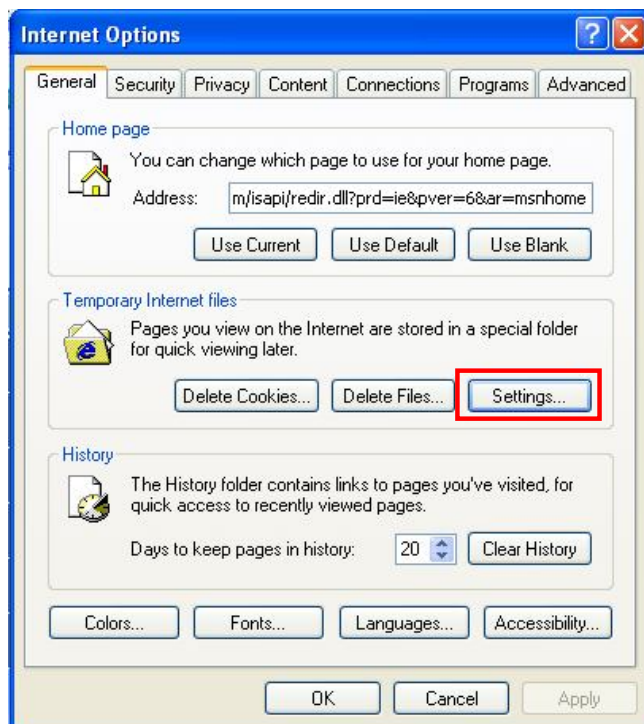
9. Open Internet Explorer web browser and key in “Http://192.168.1.168 to enter the gateway operating page.



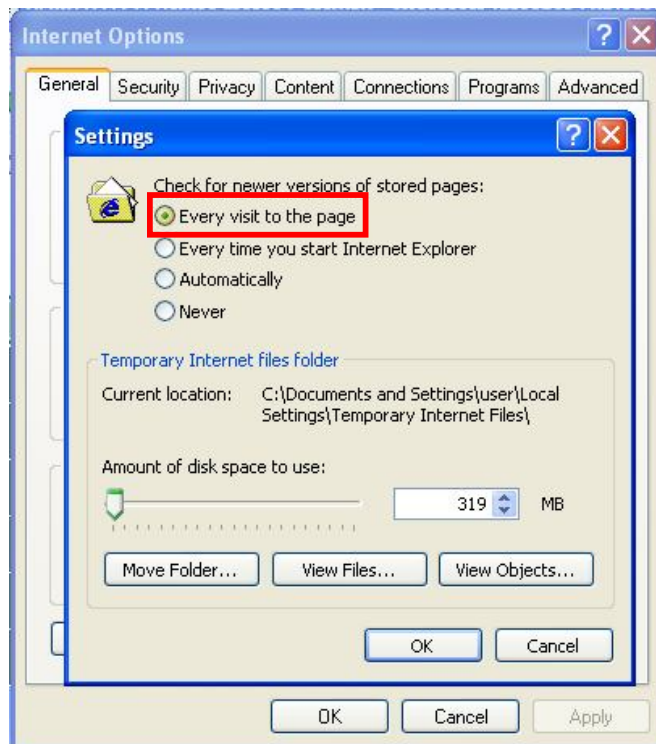
10. To set up Internet Explorer to work with the gateway, click on tools and select internet options



11. Select Settings in internet options page to setup temporary internet files option.



12. To check for newer version of stored pages, check on “Every visit to the page” option then press OK to exit.



Operating Instructions:

Please confirm the following items are well-prepared before entering the operating page.

- (I) Connect M9PG01 with PC Internet cable, and check if you can see the icon of "Connected" at lower right corner of screen.
- (II) Prepare PowerLink Wall Tap (R9P125) or Power strip (R9P602), and connect to AC power to be paired up with the gateway (M9PG01).

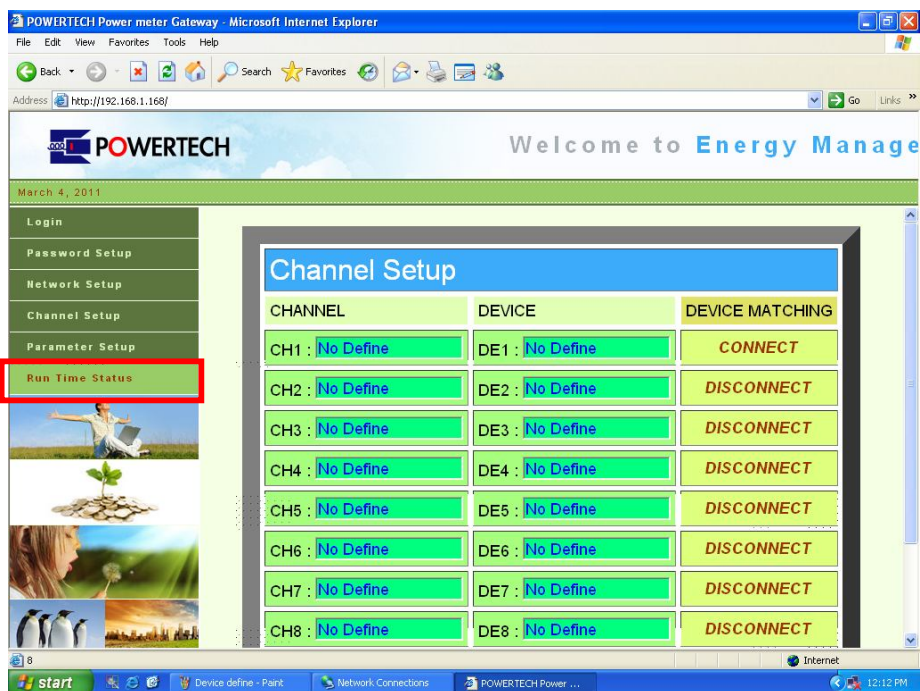
1. When entering the operating page, click "**Channel Setup**" at the left side of screen.



2. Press the Learning Key of PowerLink Wall Tap (R9P125) or power strip (R9P60203) for 3 seconds to enter the learning mode and the light on the learning key will be flashing.
3. On the channel setup page, select Channel and press connect to pair up the PowerLink Wall Tap (R9P125NI) or power strip (R9P602) with the gateway.
4. When learning is completed, the learning key will stop flashing.



5. Then select "Run Time Status" at the left side of screen.



If the connection is up and running, you can see the power consumption information of the PowerLink Wall Tap or Power strip. You can also control the power on/off on the operating page by pressing power on or off.

POWERTECH Power meter Gateway - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Print Mail People

Address http://192.168.1.168/ Go Links

POWERTECH Welcome to Energy Manage

March 4, 2011

Login
Password Setup
Network Setup
Channel Setup
Parameter Setup
Run Time Status

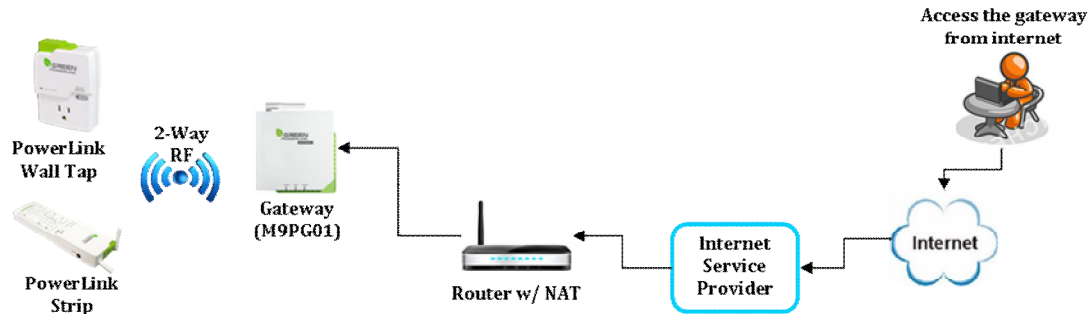
Run Time Status

CHANNEL	DEVICE	WATT	KWh	CO2 lb	COST \$	POWER.CONTROL
CH1 : No Define	DE1 : No Define	31	0.65	0.1918	0.0779	POWER.ON
CH2 : No Define	DE2 : No Define	0	0	0.0000	0.0000	POWER.OFF
CH3 : No Define	DE3 : No Define	0	0	0.0000	0.0000	POWER.OFF
CH4 : No Define	DE4 : No Define	0	0	0.0000	0.0000	POWER.OFF
CH5 : No Define	DE5 : No Define	0	0	0.0000	0.0000	POWER.OFF
CH6 : No Define	DE6 : No Define	0	0	0.0000	0.0000	POWER.OFF

Internet 12:13 PM

Browse and access Gateway from internet

Anywhere and anytime, user can browse energy consumption of the connected appliances and control power on/off from internet.



In order for user to browse and access Gateway from internet, the following requirements are needed

- Fix public IP address provided by internet service provider (ISP)
- Router with Network Address Translation (NAT) service

User will first be required to obtain a fix IP address provided by internet service provider, then enable and setup the network address translation (NAT) service in the router. Please refer to the Network Address Translation (NAT) instruction in your router manual.

Once the NAT service is enable and setup, user can access the gateway (M9PG01) anywhere from internet by opening IE web browser and key in the fix public IP address provided by your internet service provider. The NAT service of the router will redirect your access request to the corresponding gateway (M9PG01).

A typical example of Network Address Translation (NAT) setup is provided in the following example instruction.

1. Login the router



Welcome to your device Configuration Interface

Enter your password and click "Login"

 Password :

(max. 30 alphanumeric, printable characters and no spaces)

 **Note:**
Please turn on the Javascript and ActiveX control setting on Internet Explorer when operating system is Windows XP and service pack is SP2.

2. Select Advanced setup and choose the language



Please select Wizard, Basic, or Advanced mode

The Wizard setup walks you through the most common configuration settings. We suggest you use this mode if it is the first time you are setting up your router.

Use Basic mode if you need to make basic configuration changes.

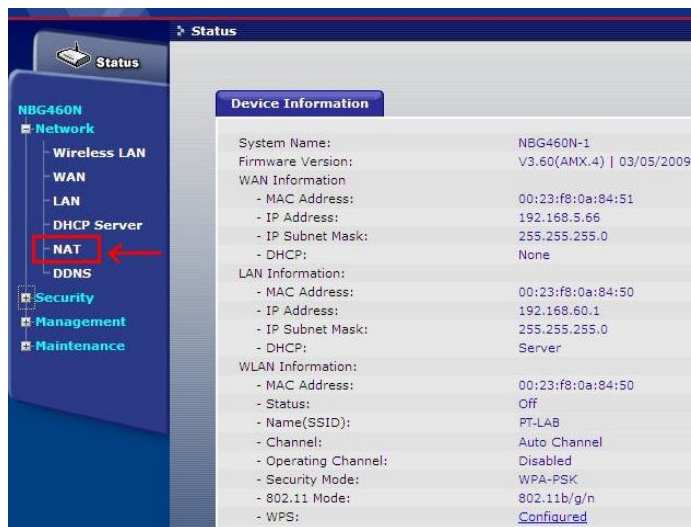
Use Advanced mode if you need access to more advanced features.

[Go to Wizard setup](#)
[Go to Basic setup](#)
[Go to Advanced setup](#)

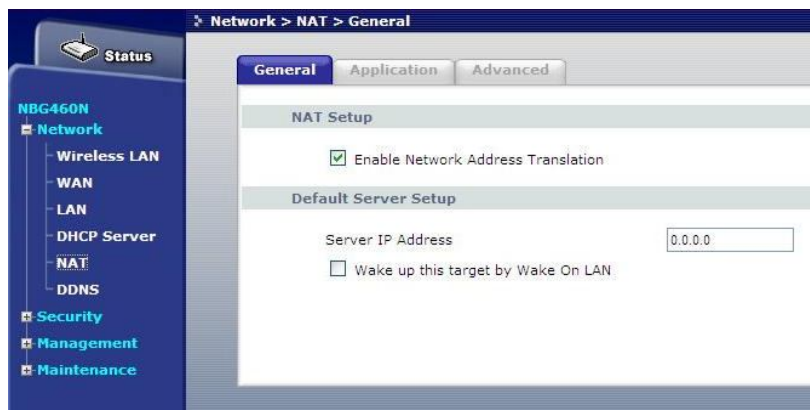
Please choose the language you need

English	Deutsch	Français
Español	繁體中文	Italiano

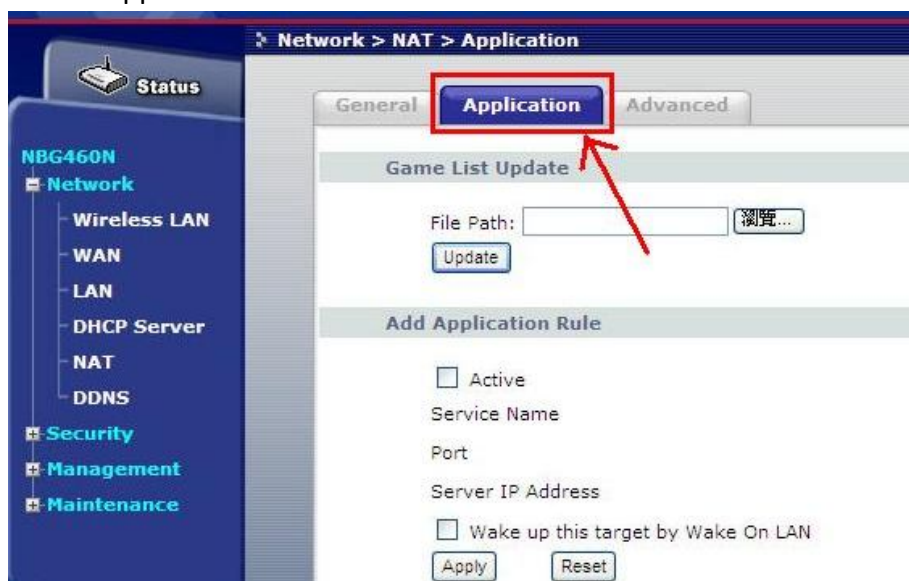
3. Enter "NAT" setup page.



4. Enable Network Address Translation (NAT) service.



5. Select "Application"



6. In the application page, key in the Gateway (M9PG01) IP address information as following example.

- Select "HTTP" as Service Name.
- Select Port 80 as your Gateway port selection
- Key in the IP address of the gateway
- Press apply to finish NAT setup

General Application Advanced

Game List Update

File Path: 浏览...

Update

Add Application Rule

☒ Active

Service Name: HTTP User Defined

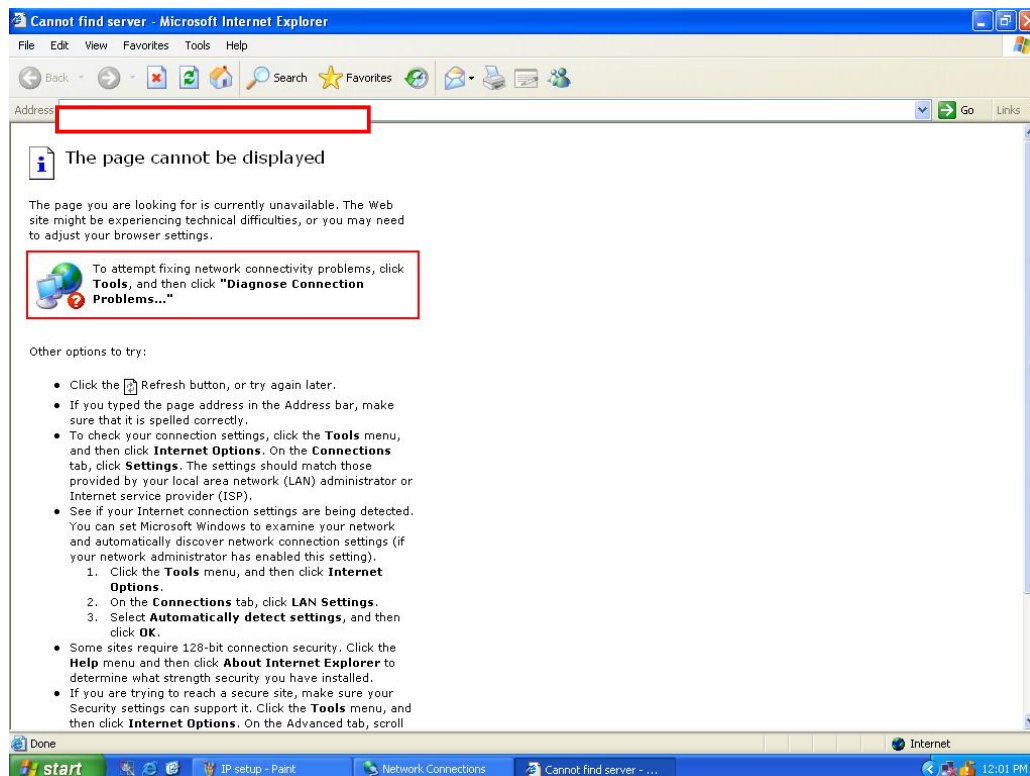
Port: 80 (Ex: 10-20,30,40)

Server IP Address: 192.168.60.168

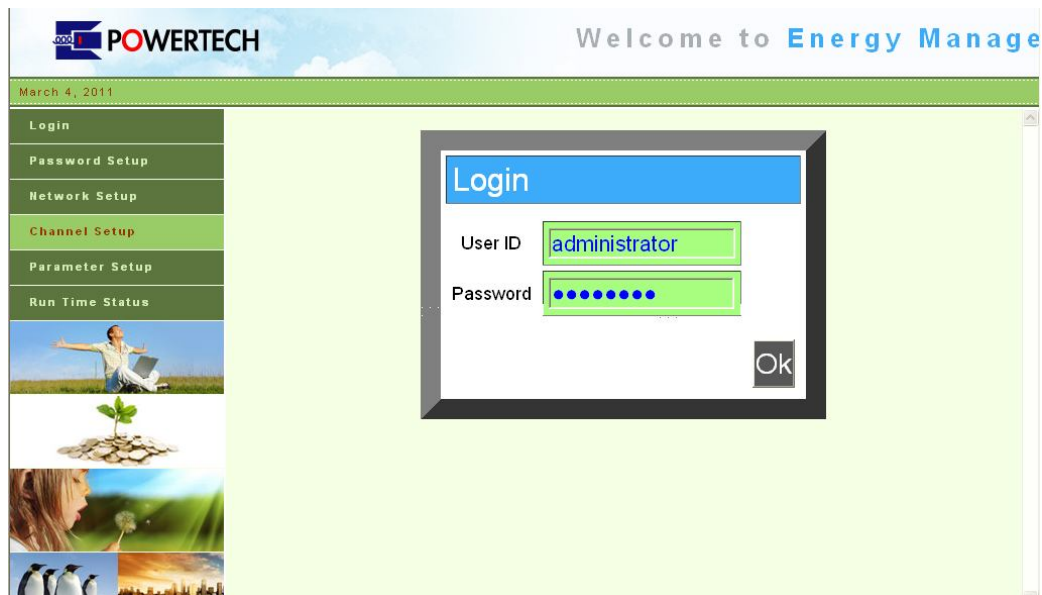
☐ Wake up this target by Wake On LAN

Apply Reset

7. Once NAT service of the router is setup, user can access the gateway anywhere from internet by opening IE web browser and key in the fix public IP address provided by your internet service provider



8. The NAT service of the router will redirect your access request to the corresponding Gateway (M9PG01).



FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION:

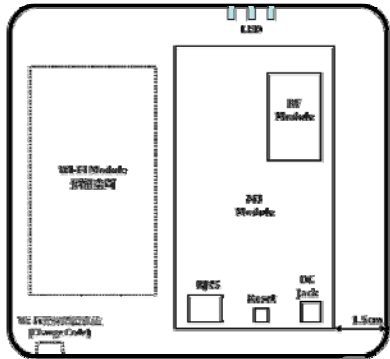
To assure continued FCC compliance:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

FCC Label Compliance Statement:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Neutral Product Specification Sheet - PowerLink M3 Gateway		
	廠標	
	MODEL NO.	
	Photo	
SAFETY	Approval Status (Safety Requirement-UL, CE or others)	RSMI
	REMARK	
OVERVIEWS	OUTLET (TOTAL)	-
	ADAPTOR SPACE	-
	MASTER OUTLET	-
	ENERGY SAVER OUTLETS	-
	ALWAYS ON OUTLETS	-
	COLOR (Product Case - Upper/bottom/safety shutters)	TBD
	HOUSING (Case Materials - Upper/Bottom)	Plastic
TI 1101 2-WAY RF MODULE	RADIO FREQUENCY	915 MHz
	RF DISTANCE	100 FT (OPEN SPACE)
	RF TYPE	FSK
	RF ANTENNA	1 RF Antenna
TI M3 MODULE	ETHERNET JACK	RJ45(不帶燈), 10MBPS
	DC IN JACK	YES(3.5 ϕ)
	AC/DC ADAPTOR	DC 5V/0.5A Adaptor included
	RESET HOLE	YES
	"POWER" LED INDICATOR	Green
	"LINK" LED INDICATOR	Green
	"STATUS" LED INDICATOR	Orange
ACCESSORIES	PHONE CABLE x 1 (6 ft.)	
	CAT. 5 CABLE x 1 (6 ft.)	6 ft
	COAX CABLE 1 x 1 (6 ft.)	
	OTHERS	User manual / power adaptor
PACKAGING	COLOR BOX / SLEEVE / CLAM SHELL / BLISTER	Box(牛皮紙單色印刷)
	UNIT DIMENSION (HxWxD mm)	
	PCS / CARTON	
	MASTER CARTON DIMENSION (HxWxD)	
	WEIGHT (N.W. / G.W. KGS)	
	CUFT (")	



RF Antenna

