

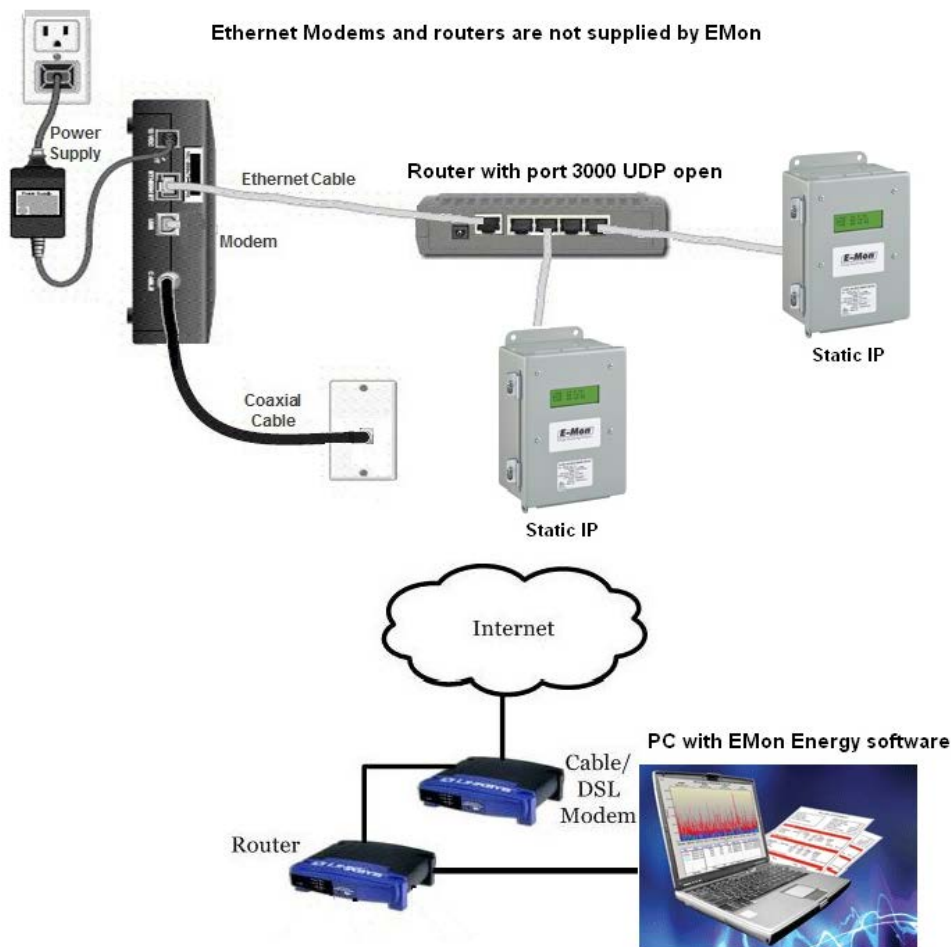
## Public (WAN) Static IP Address

A public static IP address is a number your Internet Service Provider (ISP) assigns to your E-Mon device to identify it on the Internet. The IP address is made up of four numbers separated by periods (e.g., 142.28.53.15) and does not change.

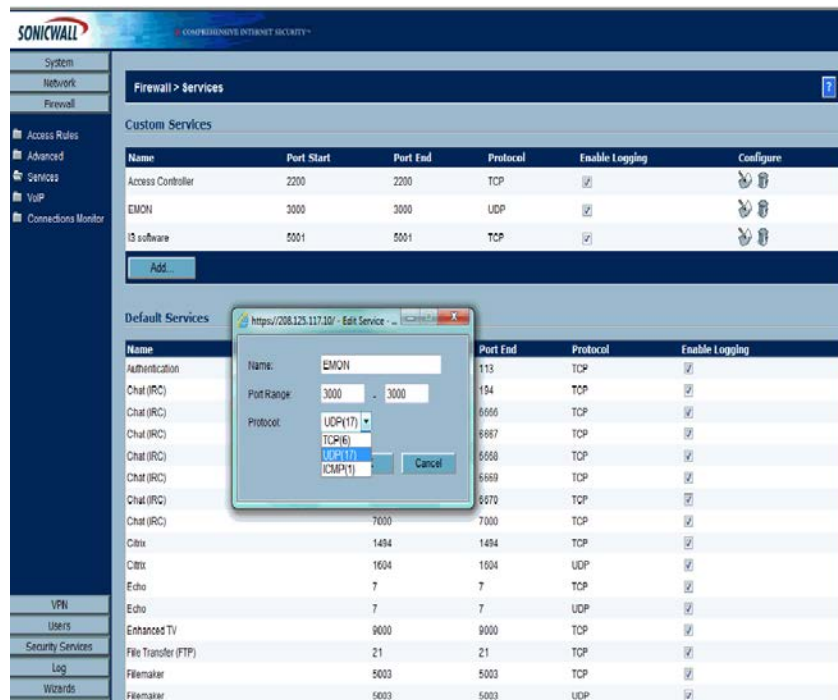
EMon smart meters, IDR's, and Ethernet key devices require *static* IP address, your ISP assigns an IP address to your device permanently, and it does not change. We find that most remote sites just install an ISP router, which just gives the customer internet access; this is only part of what EMon needs.

The internet needs to go through the ISP router and go right to the EMon equipment. If the ISP only provides a WAN IP then that is the IP address for their internet router and not what is required for the EMon devices. The ISP router is just a bridge from the internet to the EMon equipment. EMon field engineers assign the EMon equipment with the static IP address so it can be seen anywhere over the internet.

Some ISPs assign *dynamic* IP addresses. The computer or device is assigned a temporary IP address that lasts as long as your Internet session is open. You may have a different IP address each time you start an Internet session when using dynamic IP addresses. Because of the way E-Mon devices communicate to the E-Mon Energy software they cannot use dynamic IP addresses. The IP's must be static.

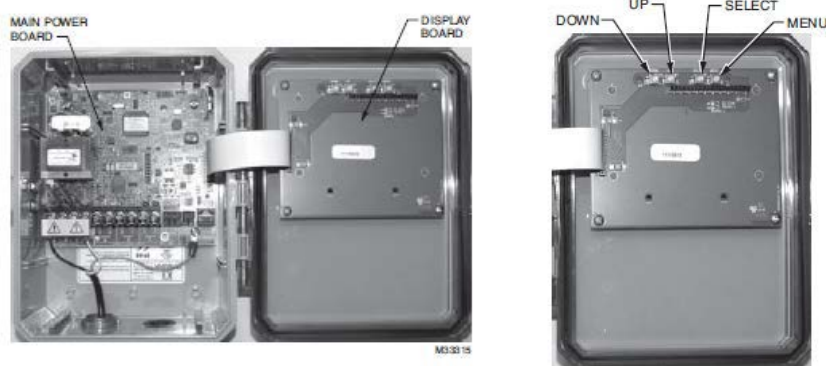


## Typical Router Setup for Port 3000 UDP



## IDR, Class 3400, 5000 Meter Program Mode IP Settings

Press MENU button to enter main menu. Continue pressing UP and Down buttons until arrow points to desired item, then press SEL button to proceed to submenu. Use UP or DOWN button to make changes, press SEL button to advance to the next field. Press MENU button to return to main menu. If changes were made, you'll be asked to save, press UP or DOWN to select Y or N; press SEL to proceed returning to main menu. In main menu, select EXIT to get out of programming mode and return to normal display mode. Note, hold SEL for 3 seconds will cancel program mode, or wait for 8 seconds for timeout to cancel.



```
LOAD CONTROL
DATE & TIME
DEVICE ID
->IP SETTINGS
```

```
ENABLE DHCP? N
IP: 192.168. 0.168
MSK: 255.255.255. 0
GWY: 192.168. 0. 1
```