# خلاصه تنظیمات انواع مودم‌های APN

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| PGP | SAA | Advantech |  |
| Network/Interface/Lan/Edit  General Settings  IPv4 address: 10.200.X.(8n+1)  IPv4 netmask: 255.255.255.248  DHCP Server  Start: 8n+2  Limit: 8n+6 | Network/Interface/Lan/Edit  Common Configuration  General Setup  IPv4 address: 10.200.X.(8n+1)  IPv4 netmask: 255.255.255.248  DHCP Server  General Setup  Start: 8n+2  Limit: 8n+6 | Configuration/LAN  IP Address: 10.200.X.(8n+1)  Subnet Mask: 255.255.255.248  IP Pool Start: 10.200.X.(8n+2)\*  IP Pool End: 10.200.X.(8n+6)\* | LAN |
| VPN/IPSec  Tunnel0 ---- ADD  First Remote Subnet: 10.34.0.0/18  Local ID: Sim Card WAN IP  First Local Subnet: 10.200.X.(8n)/29  Encapsulation Mode: tunnel  IKE Protocol: ike v1  IKE Mode: main  IKE Algorithm: manual  IKE Encryption: 3DES  IKE Hash: SHA1  IKE DH Group: 2  ESP Algorithm: manual  ESP Encryption: 3DES  ESP Hash: SHA1  Pre-shared Key: 123456789 | Services/IPSec  Add  Connection name: net2net  Enabled: Ticked  Remote Subnet: 10.34.0.0/18  Local Subnets: 10.200.X.(8n)/29  IKE Protocol: IKEv1  IKE Encryption: 168 bit 3DES-EDE-CBC  IKE Hash: SHA1 HMAC  IKE DH Group: 2  ESP Encryption: 168 bit 3DES-EDE-CBC  ESP Hash: SHA1 HMAC  Pre-shared Key: 123456789 | Configuration/IPSec  1st Tunnel  Create 1st IPsec tunnel: Ticked  Description: Tunnel0  First Remote Subnet: 10.34.0.0  First Remote Subnet Mask: 255.255.192.0  First Local Subnet Mask: 10.200.X.(8n)  First Local Subnet Mask: 255.255.255.248  Encapsulation Mode: tunnel  Force NAT Traversal: no  IKE Protocol: IKEv1  IKE Mode: main  IKE Algorithm: manual  IKE Encryption: 3DES  IKE Hash: SHA1  IKE DH Group: 2  ESP Algorithm: manual  ESP Encryption: 3DES  ESP Hash: SHA1  PFS: disabled  ESP DH Group: 2  Pre-Shared Key: 123456789 | IPSEC |
| TCP Port: 4001  Baud Rate: 9600 | TCP Port: 4001  Baud Rate: 9600 | TCP Port: 4001  Baud Rate: 9600 | Expansion Port1 |
| TCP Port: 4002  Baud Rate: 9600 | TCP Port: 4002  Baud Rate: 9600 | TCP Port: 4002  Baud Rate: 9600 | Expansion Port2 |

IGMC Hostname Structure: Part1-Part2-Par3-Part4

Part1: Station Name Based on PGDS

Part2: Part Number(MOXA Convertors: NPORT\_5XXX, Advantech Modems:UR5IV2F, PGP Modems: PM1809, SAA Modems: NR100)

Part3: Device Role (SEC: for Fiber Based Station, MR: For APN Based Station)

Part4: Nember of Device in Station (01,02,...)

Example1: SHEYKH\_BAHAEI-UR5IV2F-MR-02

Example2: ARAK6-NPORT\_5232-SEC-01

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Hostname Advantech::

Services/SNMP

Name: Hostname (Based on IGMC Hostname Structure)

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Hostname PARMOON:

Services/SNMP

Name: Hostname (Based on IGMC Hostname Structure)

System/System

Name: Hostname (Based on IGMC Hostname Structure)

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Hostname SAA:

Services/SNMP

Name: Hostname (Based on IGMC Hostname Structure)

System/System

Name: Hostname (Based on IGMC Hostname Structure)

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**توجه:** در صورتیکه کنتورهای سه پین به تنهایی به پورت RS485که به صورت RJ45 می‌باشد متصل گردد، پورت مربوطه مودم باید روی 2WIRE تنظیم گردد.