

3G/4G Ethernet Enterprise Router



PEONY

By integrating routers, switches, firewalls, VPN, and WLAN in one single device, **PEONY** Series Enterprise Gateway is simple to use and manage for SMEs (small and medium businesses) and enterprise small branch offices. The gateway provides the performance required for concurrent services, including firewall, content filtering, encryption for VPNs, IEEE 802.11g/n for mobility and quality-of-service (QoS) features for optimizing voice and video applications at broadband speeds.

Easy deployment and centralized management features help enable enterprises or service providers to deploy the **PEONY** Enterprise Gateway and greatly reduce both the equipment and management cost.

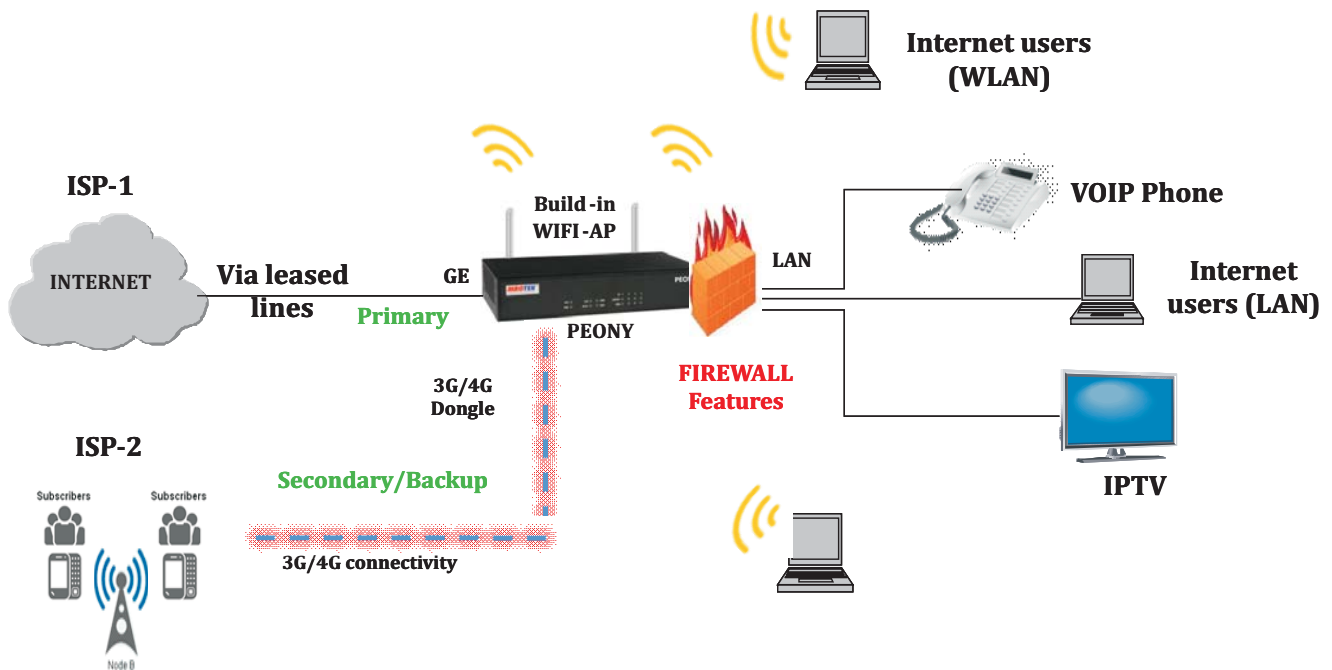
Highlights

Connection Flexibility	Dual WAN connections: One 10/100/1000BASE-T Gigabit Ethernet WAN port One Gigabit Ethernet optical port for additional SFP for WAN connectivity. 3G/4G Wireless (WCDMA/EVDO) uplink or backup.
Service Assurance	Supports IEEE802.1q, 802.1ad (QinQ), 802.1p and TOS/Diff-serv
Integrated Network	Supports Routing, NAT/NAPT, DHCP, DNS/DDNS, IEEE 802.11g/n (optional)
Advanced Security	Supports VPN, Firewall, Content filtering, Anti-DoS, Anti-ARP
Easy Management	Management via Web management, TR069, SNMP, Telnet, CLI

Features

IP Features	Routing capability - Static & Dynamic routing (RIPv1/v2), OSPF Generic routing encapsulation (GRE) Standard 802.1d Spanning Tree Protocol(STP) Network Address Translation (NAT)/NAPT IGMP Proxy/Snooping Dynamic Host Configuration Protocol (DHCP) server, relay, and client Domain Name System (DNS) Client, Proxy Dynamic Domain Name System (DDNS) Access Control Lists (ACL) , Ipv6
Switch Features	Auto Media Device In/Media Device Cross Over (MDI-MDX) Storm Control MAC filtering
Security Features	Layer 2 Tunneling Protocol (L2TP) Secure Sockets Layer (SSL) VPN for secure remote access, SSL 2.0/SSL3.0/TLS1.0 Maximum of up to 100 IPSec VPN Tunnels Hardware-accelerated DES, 3DES, AES 128, AES 192, and AES 256 Authentication (SHA-1, MD5) Manual Key, IKE, PKI (X.509) Zone-based policy firewall: Stateful inspection transparent firewall Dynamic and static port security Advanced application inspection and control Content filtering ACLs Anti-DoS Anti-ARP
WLAN Features	Automatic rate selection for 802.11g 2 x 2 MIMO radio operation Autonomous or unified access point Software-configurable transmit power Static and dynamic Wired Equivalent Privacy (WEP) WPA /AES/TKIP MAC authentication and filter
QoS	IEEE 802.1P ToS/Diff-Serv Scheduling algorithm: SP,WRR,SP+WR
USB Features	One USB 2.0 port for booting and loading configuration One for 3G/4G Wireless backup or primary
Management Features	Web management TR069 Telnet SNMPv1/v2/v3 CLI
High Availability Features	3G/4G Wireless backup (3G/4G models only)

Application



Technical Specifications

- **WAN interface** :
Interface : 1*10/100/1000Base-T and 1 GE optical port for additional SFP interface
 : 1*EVDO/WCDMA Wireless backup or primary
- **LAN interface** :
Interface : 8 x 10/100M auto-negotiation
Connector : RJ-45
- **WLAN interface** :
Interface : 2 x IEEE 802.11b/g/n
- **Serial port** :
Configuration : 9600bps/8bit/none parity/1stop bit/none flow control
- **Standards and protocol** :
IEEE802.3-2002
IEEE802.3ah-2004
IEEE802.3 10BaseT
IEEE802.3u 100BaseTX
IEEE802.3ab 1000BaseT
IEEE802.3z 1000BaseX
IEEE802.1w
IEEE802.3ad
IEEE802.3x full duplex on 10BaseT, 100BaseTX, and 1000BaseT ports
IEEE802.1q-2003
IEEE802.1p
IEEE802.11b
IEEE802.11g
IEEE802.11n
TR069
- **Power supply** : 100V ~ 240VAC
Power consumption : ≤ 15W (at max load)
- **Operating environment** :
Temperature : 0~45 centigrade
Relative Humidity : 10 ~ 90% non-condensing
- **Dimension (WxDxH)** : 230 x 160 x 44.2mm
- **Weight** : < 2Kg

Ordering PEONY

PEONY-GEGF-AC	3G/4G Ethernet Enterprise Router, 1*10/100/1000Base-T and one GE optical port for additional SFP uplink, 2*USB2.0 , 1*EVDO/WCDMA, backup or primary, 8*10/100Base-T, 100~240VAC, 50/60Hz.
PEONY-GEGF-G-AC	3G/4G Ethernet Enterprise Router, 1*10/100/1000Base-T and one GE optical port for additional SFP uplink, 2*USB2.0 , 1*EVDO/WCDMA, 1*WLAN(IEEE802.11b/g), backup or primary, 8*10/100Base-T, 100~240VAC, 50/60Hz.
PEONY-2GE-G-AC	3G/4G Ethernet Enterprise Router, 2*10/100/1000Base-T uplink, 2*USB2.0 , 1*EVDO/WCDMA backup or primary, 8*10/100Base-T, 1*WLAN(IEEE802.11b/g),100~240VAC, 50/60Hz.
PEONY-2GE-AC	3G/4G Ethernet Enterprise Router, 2*10/100/1000Base-T uplink, 2*USB2.0 , 1*EVDO/WCDMA backup or primary, 8*10/100Base-T,100~240VAC, 50/60Hz.
PEONY-2GE-N-AC	3G/4G Ethernet Enterprise Router, 2*10/100/1000Base-T uplink, 2*USB2.0 , 1*EVDO/WCDMA backup or primary, 8*10/100Base-T, 1*WLAN(IEEE802.11b/g/n),100~240VAC, 50/60Hz.
PEONY-GEGF-N-AC	3G/4G Ethernet Enterprise Router, 1*10/100/1000Base-T and one GE optical port for additional SFP uplink, 2*USB2.0 , 1*EVDO/WCDMA backup or primary, 8*10/100Base-T, 1*WLAN(IEEE802.11b/g/n), 100~240VAC, 50/60Hz.



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