

M625N

G.Bond, VDSL2, ADSL2+, Ethernet WAN

- 2 Port Gbe, 3 Port Fast Ethernet
- 802.11 b/g/n 2.4 Ghz w/ Removable Antenna
- USB 2.0
- Over-voltage protected xDSL Interface



The VisionNet Master Series line of broadband gateways is designed around three key principles: streamlined installations, in-field reliability, and minimized OPEX. VisionNet incorporates industry standards, into an attractive and intuitive design, to ensure that every aspect of deployment and support is accounted for. With over 15 years experience, our team can guarantee holistic support for ISPs.

WAN INTERFACE

- T1.413
- G.Lite
- G.DMT
- ADSL2 / 2+
- VDSL2 (8a,b,c,d / 12a,b / 17a)
- G.Bond (ADSL2+ VDSL2)
- SRA
- Bitswap
- Annex A
- Annex L
- Annex M
- PhyR / G.INP
- Nitro
- G.Vector
- ATM / PTM / Ethernet
- UBR / CBR / VBR-rt/nrt

LAN INTERFACE

- Inter LAN Routing
- Isolated Domains / DHCP
- Multi-Option DHCP
- Secondary Subnet
- Multicast Customization
- QoS Classification
- TFTP
- Custom DNS
- IPv4, IPv6, Dual Stack
- MAC Reservation
- Multicast Snoop / Block
- Enhanced Multicast
- Multicast QoS
- 6 in 4 / 4 in 6 Tunnel

MANAGEMENT AND DIAGNOSTICS

- Gateway Quick View
- xTM Diagnostics
- System Logging
- Ping / Traceroute
- System Logging
- IP ACL
- ACS / TR069, SNMP
- FTP, TFTP, SAMBA
- Tiered Account Permissions
- DSL Diagnostics
- IGMP & Host Statistics
- TCP Throughput Testing
- Traffic Mirroring
- Port Obscurity
- HTTP, Telnet, SSH
- NTP

Hardware Specifications

WAN: G.Bond, VDSL2, ADSL2+, Ethernet
LAN: 2 Gbe, 3 – 10 / 100 Ethernet
USB: 2.0 Type A

WiFi: Standards: 802.11 b/g/n, 2.4Ghz, 2T2R; Output: 17dbi + 3dbi RP-SMA Antenna
Power: DC Input: 12VDC / 1.5A PSU: 110-220VAC, 50~60Hz
Environmental: Temp: 0 – 60 C; Humidity: 5 – 95% Non-Condensing

WAN SERVICES

- Bridge
- IPoE
- PPPoE
- PPPoA
- IPoA
- Group Specific Routing
- Multi-Protocol Encapsulation
- Multi-Option DHCP
- VLAN Mux / Tagging
- IPv4 / IPv6
- IGMP Proxy / Multicast
- PPP IP Extension
- ATM QoS, FWQ, MPAAL
- ATM Priority Queing
- Multiple Services Connection
- WRR, WFQ

ROUTING AND SECURITY

- NAT / NAPT/ SPI
- DoS Attack Prevention
- Bridge Filtering
- Multi-Service NAT Traversal
- Port Forwarding / Triggering
- L2 Bridge Control
- DMZ Host
- Dynamic Route Table
- Customizable Firewall
- Routable LAN / DMZ
- IP and URL Filtering
- Time of Day Filtering
- Dynamic DNS
- UPnP
- RIP
- Static and Policy Based Routes

WiFi

- 802.11 b/g/n 2T2R
- 17 dbi Output
- 1 SSID / 3 Virtual SSIDs
- WMM QoS Enforcement
- WEP, WPA, WPA2
- BSSID CoExistence
- MAC Filtering
- 2.4 Ghz 20 / 40 Mhz
- -3 dbi RP-SMA Antennas
- WMM, WMF, WAPSD
- UMA Mobile Coverage
- AES / TKIP
- Wireless Bridging
- WiFi Environmental Reporting