



BA2100 Series Feature Sheet



- | Router
- | Bandwidth Aggregation
- | Auto Load Balance
- | Auto Failover

BA 2100 Series Bandwidth Aggregator

Tacitine BA2100 Bandwidth Aggregator increases your internet bandwidth and lowers your cost by combining multiple ISP connections into one. Your usable bandwidth is combined to total of individual WAN connections both upstream and downstream.

The BA2100 supports Auto Load Balance, Auto failover between multiple WAN in addition to 3G/4G dongle support. BA2100 will dramatically lower your infrastructure cost and operational expenditure with its features.



Key Features

- Router
- Firewall
- Sessions Based Aggregation
- Inbound & Outbound Load Balance
- Quality Based Link Fail Over
- Active - Passive Support
- Multi WAN Connectivity
- High Availability
- Quality of Service
- Quality Based Link Failover
- Appliance Administration
- Live Network Sniffer
- Real Time Netflow Analyzer
- Remote Management
- 2G/3G/4G LTE/USB dongle support
- Scalable Hardware
- Perpetual Product License
- Logs & Reports

Networking

- Multiple WAN & LAN support (3 WAN & 3 LAN)
- Wireless WAN Support (2G, 3G & 4G)
- Support Static IP | PPPoE & DHCP on WAN Interface
- VLAN Support on WAN & LAN Interface
- DHCP & DNS Server support per LAN interface
- Multi Zone WAN & LAN support
- Transparent Bridging & Drop in placement support
- Internal DNS Domain & Alternate DNS Server support
- Inbound & Outbound load balancing
- Support for data usage accounting with alert option per WAN Interface

Routing & Load Balancing

- Support both Static & Dynamic Routing (BGP configuration via GUI)
- Support Interface & Port based Policy Routing
- Multicast Routing support on TCP & UDP
- Support for IP Pass through
- Inbound & Outbound load balancing
- WAN Link load balancer (Auto Load balancing, failover & failsafe support)

Firewall/ NAT

- SPI Firewall
- MAC /IP | Port based filtering
- Port forwarding & Intercept support
- Brute Force attach Mitigation
- Support to block WAN/LAN & TCP/UDP flood Ping
- Firewall zone support for WAN, Captive, LAN, DMZ
- Source NAT & Net Map NAT
- MAC-IP-Interface binding
- One to One NAT (DMZ support)
- Zone based IP Spoofing control
- Support for Connection per second and time based firewall rules
- System Security (configurable http | https ports for remote access)
- Support for BA2100 remote login only from configured public IPs

Quality of Service (QoS)

- Bandwidth Management & Throttling
- Policy for Known and Unknown Ports
- Classified & Unclassified bandwidth support
- Guaranteed bandwidth IP/Application
- Priority Bandwidth utilization
- Preset Files Sharing rules
- Differentiated Service Stamping

High Availability (HA)

- Active - Passive Support
- Support HA on WAN, LAN & DMZ
- Preempt Mode Support
- Support both Member of Tracker & IP Migration
- IP Migration designed for Wireless Networks
- Heart Beat Support
- Device/Interface failure detection & alerts
- Auto Sync Configurations

Alerts & Reports

- Alerts on Interface /Reboot/ HA
- Daily digest reports on email
- More than 35+ live logs
- 40 different downloadable reports
- Report on web browsing, bandwidth meter
- 22+ system commands in UI including TCPDUMP
- Remote management via ID
- RealTime Net flow Analyzers
- Live Network Sniffers

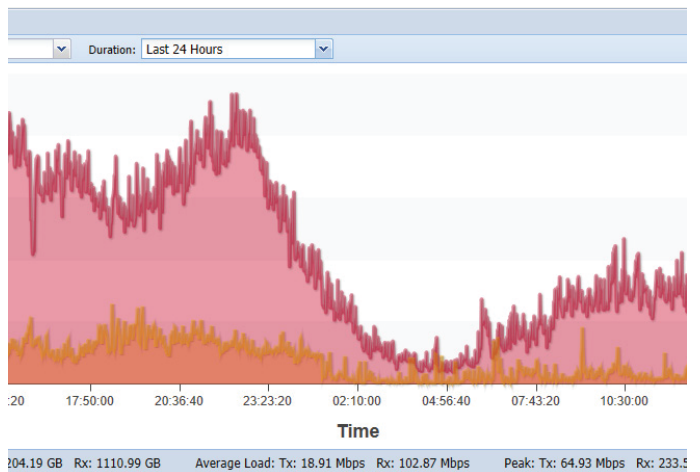
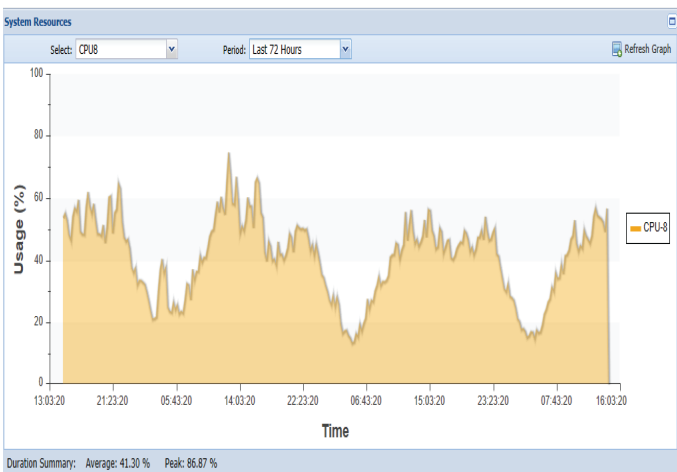
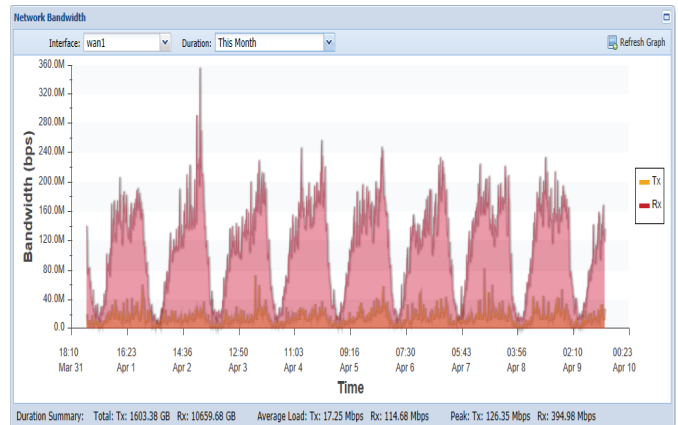
Dashboard Status

- System and License information
- WAN & LAN usage by quota & Packet per Second
- WAN Quota based on ISP Plan
- System Information & License Status
- System Services running status
- Smart View on abnormalities in system

Administration

- System settings with Login/Password Policy Schedule reboot / shutdown option
- Admin user management with configuration privileges
- Ethernet Port management
- Configuration management
- Software management option

Reports Sample Images



BA 2100 has built-in on appliance live logs, web browsing report, bandwidth meter report, configuration change log reports, NOC support log report etc to ensure It is no more a black box but very friendly and easy to use.

Tacitine Assured Support

Tacitine products come with direct OEM support round the clock by trained professionals for product configuration and support. TAS helps customer on security best practices and use the bandwidth effectively.



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