



# BODi rS™ BD004

## Bandwidth-on-Demand Bonding Router

*Patton's BODi rS is small, light and full featured. Unique bonding, load balancing and failover technology ensures bandwidth robustness and network survivability. All this combined with IPsec VPNs and WiFi mesh capability makes BODi rS the ideal fixed or mobile solution for secure, seamless network connectivity and backup. Always. Everywhere.*

### Ultimate On-The-Go Performance

The BODi rS mobile VPN bonding router automatically shares Internet traffic across wired, wireless & satellite links. This increases connection stability, reliability and makes maximum use of all available bandwidth. Users also have the ability to scale bandwidth on-the-go, adding or removing connections, giving priority to lower cost links when demand allows, thus minimizing costs while still providing excellent reliability that scales as needed.

BODi rS also guarantees uptime making it the ideal solution for mobile connectivity with network failover and bandwidth robustness.

### Key Features

- Multi-modem bonding avoiding network loss
- Modems harnessed internally
- Load balancing & intelligent failover
- Bandwidth allowance control
- VPN 256-bit AES encryption for highly secure communications
- Built-in dual WiFi—delivering WiFi Mesh capabilities
- Capability to prioritize links—reducing costs
- Automatically switch to best available link
- Vehicle mountable

### Survivability: Network Bandwidth Assurance

BODi rS combines up to seven 3G/4G, WiMAX, LTE, VSAT, WiFi, and other mobile connections to deliver consistently high speeds and five nines availability. Combine up to four USB modems, three Ethernet modems and add broadband landline connections for blazing fast Internet connectivity and data transfer anywhere, anytime.

BODi rS is the perfect solution for high availability connectivity and Internet failover. This is especially important for applications in e-Healthcare, security alarm companies and critical infrastructure where loss of connectivity can be catastrophic, resulting in huge revenue losses and potential risk to human life.

### Mobility: Fully Portable & Rapidly Deployable

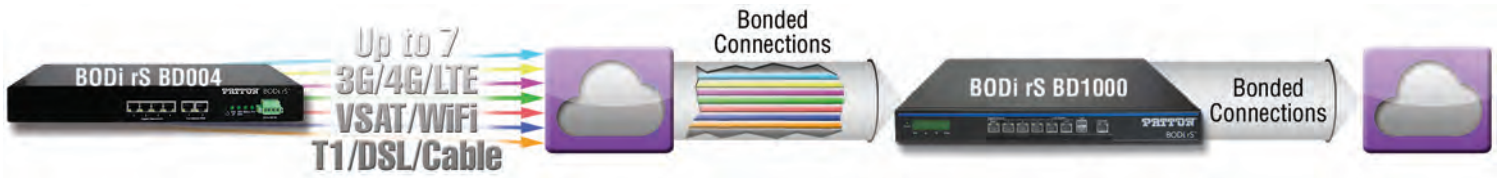
A highly durable, rugged enclosure, and multiple bonded connections make BODi rS the ultimate mobile bandwidth-on-demand solution.

By using BGAN & VSAT networks, remote and marine applications can avail of high speed & reliable connectivity while on the go. By aggregating multiple wireless links, BODi rS offers users broadband-like Internet speeds for high quality reliable communications.

For extra security and ruggedness, all modems are harnessed internally. This avoids loss and damage to the modems.



**Bandwidth-on-Demand Bonding—Bond multiple mobile Internet connections for broadband-like speeds while on-the-go**



**Hospitality: Public/Private Assured Wired & Wireless Access**

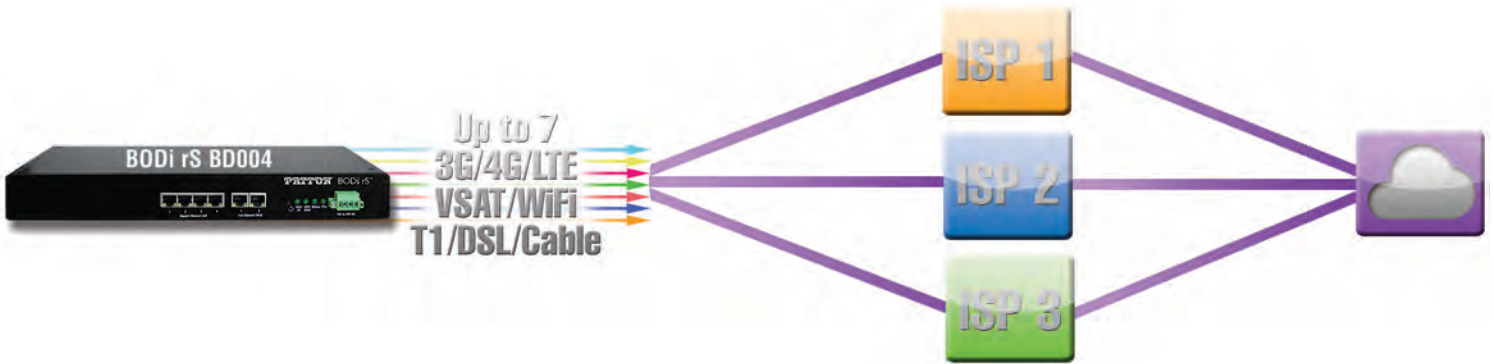


**Mobile: Broadband-like speeds while on the move**





Bandwidth-on-Demand Load Balancing—Choose between 7 load balancing profiles for the optimum performance to fit your needs



Marine: Reliable & Survivable Internet at sea & at port



Mobile: Aggregate multiple wireless links for broadband on the go



## Solution Specifications\*

### WAN Interface

4 x USB (Internal) • 2 x Gig Ethernet Ports  
• Dual 802.11b/g/n WiFi Modem • Support  
for PPPoE, Static IP, DHCP • WAN Link  
Health Check • Bandwidth Allowance  
Monitor

### LAN Interface

4-Port Gig Ethernet Switch • Extended  
DHCP Options • DHCP Reservation •  
Support for Dynamic DNS services • DNS  
Proxy for LAN Clients

### Antenna

4 x 5.5 dBi Magnetic Base • Omni Metal  
Antenna for WiFi

### Complete VPN Solution

Site-to-Site VPN Bonding • Bandwidth  
Aggregation • Intelligent Failover • 256-  
bit AES Encryption • Pre-shared Key  
Authentication • Dynamic Routing PPTP  
VPN Server • RADIUS, LDAP  
Authentication • IPsec VPN (Network-  
to-Network)

### Load Balancing

Intelligent Failover • Session Persistence  
Per-Service Load Distribution •  
Multiple Algorithms

### Networking

NAT and IP Forwarding • Static Routes  
Port Forwarding • Many to One, One to

One NAT • NAT Pool • SIP ALG, H.323  
ALG • UPnP, NAT-PMP • WINS Server

### Advanced QoS

User Groups • Bandwidth Reservation  
Individual Bandwidth Limit • Custom  
Application QoS • Application Prioritization

### Device Management

Web Administrative Interface • Email  
Notification • Active Client & Session  
Lists • Bandwidth Usage Statistics • Web  
Reporting Services • Syslog Service  
SNMP v1, v2c and v3 • 3.5 mm line out •  
RS-485/ RS-422

### Operating Temperature

-40° to 65°C (-40° to 149°F)

### Power

DC power for vehicle charging • AC/DC  
adaptor for charging and operation

### Dimensions

35.6L x 13.5W x 4.3H cm  
(14L x 5.4W x 1.7H inch)

### Weight

1.8 kg (4 lbs)

### Compliance

CE • FCC Part 15 Class A •  
NRTL Recognized

## Ordering Info

**BODi rS BD007:** Rack Mountable, Bonding and Balancing Internet Router

**BODi rS BD004:** Mobile, Bonding and Balancing Internet Router

**BODi rS BD1000:** Bonding and Balancing Network Hub

\* Specifications subject to change without notice.



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