

Product Highlights

Secure VPN Capability

A VPN provides secure, encrypted connections for safer remote access, which is ideal for small offices and cafes.

High-Speed 2.5G WAN Port

2.5G WAN ports deliver high-speed connections for faster data transfer and better access for demanding applications.

Multi-WAN Connectivity

Multi-WAN intelligent fail-over provides uninterrupted connectivity by switching to a backup WAN when the primary fails, enhancing reliability and service consistency.



DBR-700

Business Router

Key Features

High-Performance VPN Protocols

- IPSec/ PPTP/L2TP/WireGuard/OpenVPN/GRE

WAN Redundancy/Load Balance

- Dual WAN Redundancy

High Security Feature

- SPI Firewall
- DoS/DDoS/IPS
- URL Blocking
- User Authentication

Smart AP Management

- Managed up to 15 DBR-X3000-AP Access Points

Central AP Management

- SSID
- Wi-Fi Security
 - WPA/WPA2/WPA3 Personal and Enterprise
- VLAN Tag
- Captive Portal
 - Click-through/RADIUS/Internal Database
- AP Firmware Upgrade

Monitor AP Wireless Clients

- Block Clients
- Client Status and Statistics

The DBR-700 delivers high-performance networking with a 2.5GE WAN port and eight 2.5GE ports for faster and better connectivity. Ideal for small offices and cafes, offering flexible and enough bandwidth for your network. With a 2 Gbps firewall and IPsec VPN tunnels, it provides more secure remote access. Built-in AP management simplifies wireless access point control, making it an excellent choice for businesses seeking efficient and secure network solutions.

Virtual Private Network (VPN)

A Virtual Private Network (VPN) provides more secure and private connections by encrypting data and using strong authentication. It creates a better tunnel between users and networks, protecting sensitive information from unauthorized access. VPNs enable remote access, allowing employees to connect more safely to their company network from any location, and offer robust security features like data integrity and traffic encryption, providing more reliable and safer connectivity.

Complete 2.5G Interface

A 2.5G interface on a VPN router delivers ultra-fast speeds of up to 2.5 gigabits per second, boosting VPN performance with quicker data transfers and lower latency. It supports multiple simultaneous connections, providing smoother, more secure, and efficient remote access even during high-demand use. The added bandwidth is perfect for businesses needing more reliable communication, large file transfers, and seamless video conferencing, all while maintaining strong encryption and security.

Reliable Dual WAN Redundancy

Dual-WAN intelligent failover provides uninterrupted Internet connectivity by automatically switching to a backup WAN connection if the primary one fails. This feature enhances network reliability and maintains consistent service, minimizing downtime for critical operations. It also balances traffic across both WAN connections, optimizing bandwidth and improving performance. With this system, organizations can rely on a robust backup to handle disruptions.

WAN Load Balancing

WAN Load Balancing distributes traffic across multiple WAN connections to enhance performance and reliability. It optimizes speed and provides smoother data transmission for high-bandwidth applications by preventing overload on any single connection. Additionally, it provides backup connections for redundancy, maintaining continuity during failures and enabling uninterrupted business operations.

High-Speed Network with SFP

SFP (Small Form-Factor Pluggable) ports provide versatile, high-speed fiber connections, ideal for long-distance data transmission. They support various fiber types, allowing networks to adapt to evolving needs while maintaining speed, stability, and scalability. This flexibility makes SFP ports a robust solution for data centers, enterprise networks, and pro-AV systems, enabling more reliable, high-performance connectivity. The DBR-700 SFP port is compatible only with 1G/2.5G SFP modules.

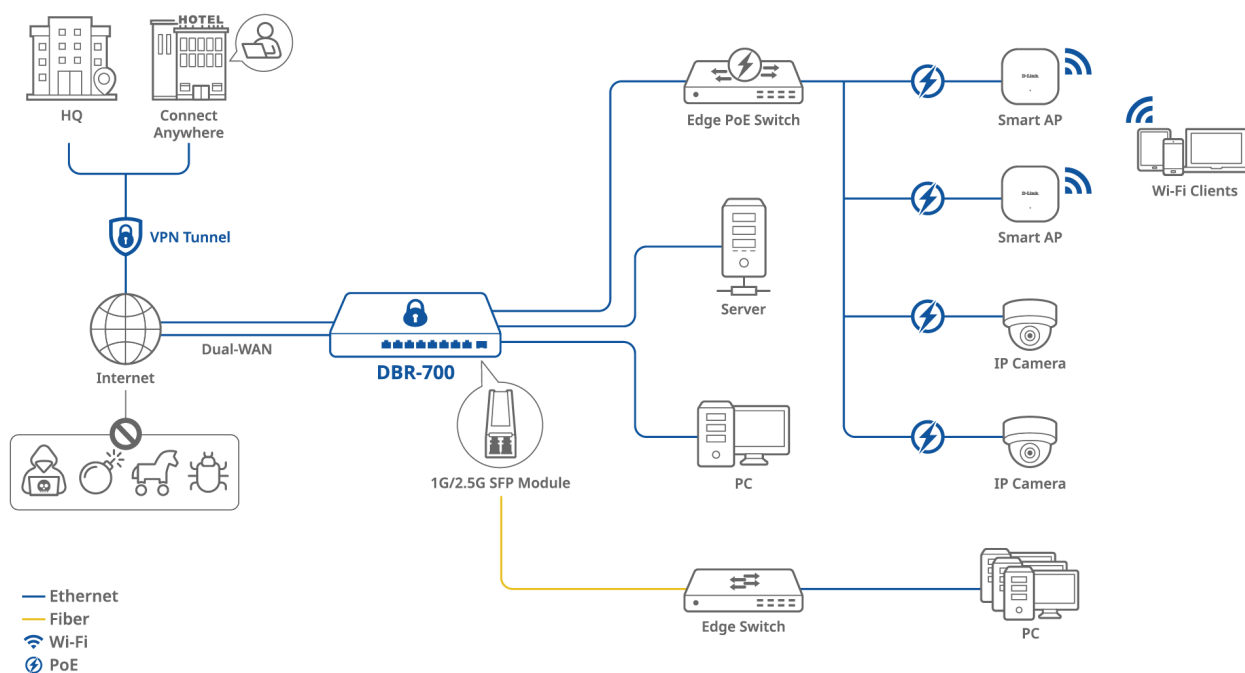
Firewall Security

Robust firewall security better protects your network from unauthorized access and cyber threats. It includes advanced features such as intrusion detection and prevention systems (IDS/IPS), URL filtering, and stateful packet inspection (SPI). With real-time monitoring and automatic threat mitigation, it provides more safeguards for sensitive data and maintains a secure network environment for all connected devices.

AP Management

The smart AP (DBX-3000-AP) is managed through a business router (DBR-700) and operated via a unified dashboard, providing a centralized approach to network management. This setup simplifies network settings' configuration, monitoring, and control, making administrative tasks more efficient. It provides consistent policy enforcement while offering real-time insights into network activity, ultimately enhancing overall efficiency and security.

Connection Diagram



Technical Specifications

General		
Device Interfaces	• 1 x 10/100/1000/2.5G WAN port • 1 x 10/100/1000/2.5G WAN/LAN configurable port • 6 x 10/100/1000/2.5G LAN ports • 1 x 1G/2.5G SFP port	• 1 x Reset button • 1 x Power button • 1 x Power connector • 1 x Console port (Debugging purposes only)
WAN		
Ether-WAN Type	• Dynamic IP • PPPoE • L2TP	• Static IP • PPTP
WAN Failover	Dual Ether-WAN failover	
WAN Load Balance	Dual Ether-WAN load balance	
Network		
LAN & VLAN	• DHCP Server	• Port/Tag based VLAN
Port Forward	• DMZ • VPN Pass-through	• Virtual Server • DDNS
Routing	• Static • RIPv1/v2	• Dynamic • OSPFv2
VPN		
VPN Tunnel	• PPTP/L2TP • IPSec • GRE	• OpenVPN • WireGuard
Security		
Firewall	• IPS/IDS • MAC/IP Filtering	• SPI Firewall • URL Blocking
AP Management		
Managed AP	Manage up to 15 DBR-X3000-APs	
Wi-Fi SSID	• SSID name	• VLAN tag
Wi-Fi Security	• WPA/WPA2/WPA3 Personal	• WPA/WPA2/WPA3 Enterprise
Captive Portal	• Click-through • Internal database	• RADIUS
Monitoring Feature	• Clients IP/MAC	• Client status and statistics
Device Firmware	Firmware upgrade	
Performance		
Firewall Througput	2450 Mbps	
VPN Througput	400 Mbps	
Maximum Concurrent Sessions	200000	
New Sessions (Per second)	4000	
Maximum IPsec VPN Tunnel	100	
Maximum PPTP/L2TP VPN Tunnel	32	
No. of Firewall Policies	128	

Physical and Environmental	
Power Input	12 V/2 A
Dimensions	126 x 280 x 44 mm
Operating Temperature	0 to 40 °C (32 to 104 °F)
Storage Temperature	-10 to 70 °C (14 to 158 °F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	0% to 95% non-condensing
Ordering Information	
DBR-700	Business Router

Actual performances may vary due to settings, cabling, temperature, network configuration, interface, device compatibility, environmental and on-site conditions, and other similar factors. References to power capability, signal or processing speed, signal range or distance, data encryption, storage capacity, display properties, or other performance metrics are based on optimal conditions derived from industry standards and provided for informational purposes only. Specifications may be subject to change without prior notice.