

Product Highlights

Secure VPN Capability

A VPN provides secure, encrypted connections for safe 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 fast data transfer and reliable access for demanding applications.

Multi-WAN Connectivity

Multi-WAN intelligent fail-over ensures 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 fast and reliable 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 ensures 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) ensures secure and private connections by encrypting data and using strong authentication. It creates a secure tunnel between users and networks, protecting sensitive information from unauthorised access. VPNs enable remote access, allowing employees to connect safely to their company network from any location, and offer robust security features like data integrity and traffic encryption, ensuring reliable and safe 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, ensuring smooth, secure, and efficient remote access even during high-demand use. The added bandwidth is perfect for businesses needing reliable communication, large file transfers, and seamless video conferencing, all while maintaining strong encryption and security.

Reliable Dual WAN Redundancy

Dual WAN Intelligent Fail-over ensures 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, minimising downtime for critical operations. It also balances traffic across both WAN connections, optimising bandwidth and improving performance. With this system, organisations 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 optimises speed and ensures smooth 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, ensuring reliable, high-performance connectivity. The DBR-700 SFP port is compatible only with 1G/2.5G SFP modules.

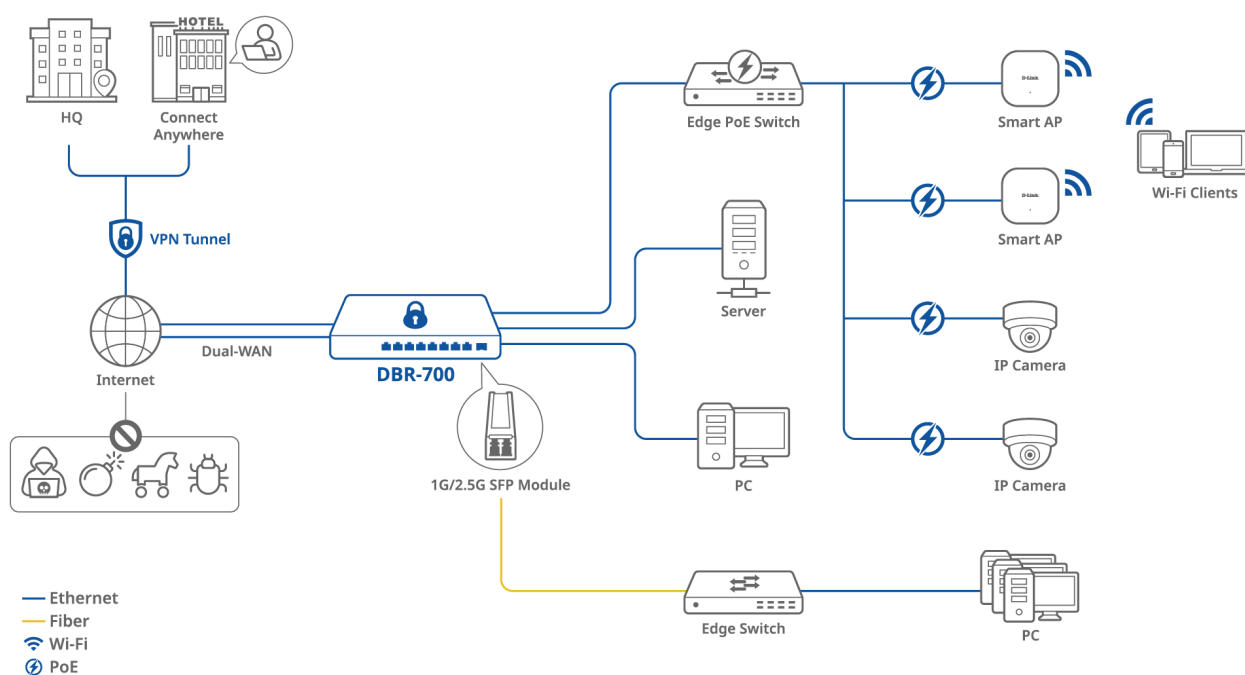
Firewall Security

Robust firewall security protects your network from unauthorised 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 safeguards 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 centralised approach to network management. This setup simplifies network settings' configuration, monitoring, and control, making administrative tasks more efficient. It ensures consistent policy enforcement while offering real-time insights into network activity, ultimately enhancing overall efficiency and security.

Connection Diagram



Technical Specifications

General		
Device Interfaces	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 1 x Reset button• 1 x Power button• 1 x Power connector• 1 x Console port (debug Only)¹
WAN		
Ether-WAN Type	<ul style="list-style-type: none">• Dynamic IP• PPPoE• L2TP	<ul style="list-style-type: none">• Static IP• PPTP
WAN Failover	Dual Ether-WAN failover	
WAN Load Balance	Dual Ether-WAN load balance	
Network		
LAN & VLAN	<ul style="list-style-type: none">• DHCP Server	<ul style="list-style-type: none">• Port/Tag based VLAN
Port Forward	<ul style="list-style-type: none">• DMZ• VPN Pass-through	<ul style="list-style-type: none">• Virtual Server• DDNS
Routing	<ul style="list-style-type: none">• Static• RIPv1/v2	<ul style="list-style-type: none">• Dynamic• OSPFv2
VPN		
VPN Tunnel	<ul style="list-style-type: none">• PPTP/L2TP• IPsec• GRE	<ul style="list-style-type: none">• OpenVPN• WireGuard
Security		
Firewall	<ul style="list-style-type: none">• IPS/IDS• MAC/IP Filtering	<ul style="list-style-type: none">• SPI Firewall• URL Blocking
AP Management		
Managed AP	Manage up to 15 DBR-X3000-APs	
Wi-Fi SSID	<ul style="list-style-type: none">• SSID name	<ul style="list-style-type: none">• VLAN tag
Wi-Fi Security	<ul style="list-style-type: none">• WPA/WPA2/WPA3 Personal	<ul style="list-style-type: none">• WPA/WPA2/WPA3 Enterprise
Captive Portal	<ul style="list-style-type: none">• Click-through• Internal database	<ul style="list-style-type: none">• RADIUS
Monitoring Feature	<ul style="list-style-type: none">• Clients IP/MAC	<ul style="list-style-type: none">• 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
Storage Temperature	-10 to 70 °C
Operating Humidity	10% to 90% non-condensing
Storage Humidity	0% to 95% non-condensing

1. The console port is reserved for internal diagnostics only and is not intended for regular use.