

Highlights

High-speed 2.5G WAN Ports

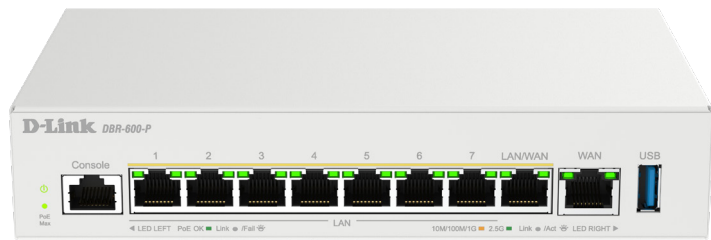
2.5G WAN and LAN ports deliver high-speed connections for fast data transfer and reliable access for demanding applications.

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.

Secure VPN Capability

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



DBR-600-P

Multi-WAN 2.5G PoE Smart Office Series VPN Router

Key Features:

High-Performance VPN Protocols

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

Complete 2.5G Interface Across All 9 Ports

- 1 x 2.5GB WAN Port
- 8 x 2.5G PoE LAN Ports

WAN Redundancy/Load Balance

- Dual WAN Redundancy
- USB LTE Dongle WAN Redundancy/Load Balance

High Power PoE PSE

- 802.3at PoE output
- Up to 8 PoE ports
- Up to 120 W total PoE budget

High Security Feature

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

Smart AP Management

- Seamlessly manages up to 10 DBR-X3000-AP Access Points

Central AP Management

- SSID
- Wi-Fi Security
 - WPA2/WPA3 Personal and Enterprise
- VLAN Tagging
- Captive Portal
 - Click-through/RADIUS/internal database
- AP Firmware Upgrade

Monitor AP Wireless Clients

- Block Clients
- Client Status and Statistics

The DBR-600 delivers high-performance networking with a 2.5G WAN port and eight 2.5G PoE ports for fast and reliable connectivity. Ideal for small offices and cafes, it includes a USB port for D-Link's 4G/5G USB Modem, offering flexible Internet backup. With a 2Gbps firewall and IPsec VPN tunnels, it ensures secure remote access. Built-in Smart Office AP management simplifies wireless access point control, making it an excellent choice for businesses seeking flexible, easy to manage 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 complete 2.5G interface on the DBR-600-P delivers ultra-fast speeds of up to 2.5Gigabits per second on each port, 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.

Multi-WAN 2.5G PoE Smart Office Series VPN Router

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 Power 8-Port PoE Solution

The DBR-600-P is equipped with eight PoE ports, allowing network cables to deliver data and power to devices like IP Cameras and VoIP Phones, eliminating the need for separate power sources. This simplifies installation, reduces cable clutter, and offers flexibility in device placement, enabling setups in areas without electrical outlets. PoE enhances network efficiency and supports applications ranging from surveillance to smart building technologies.

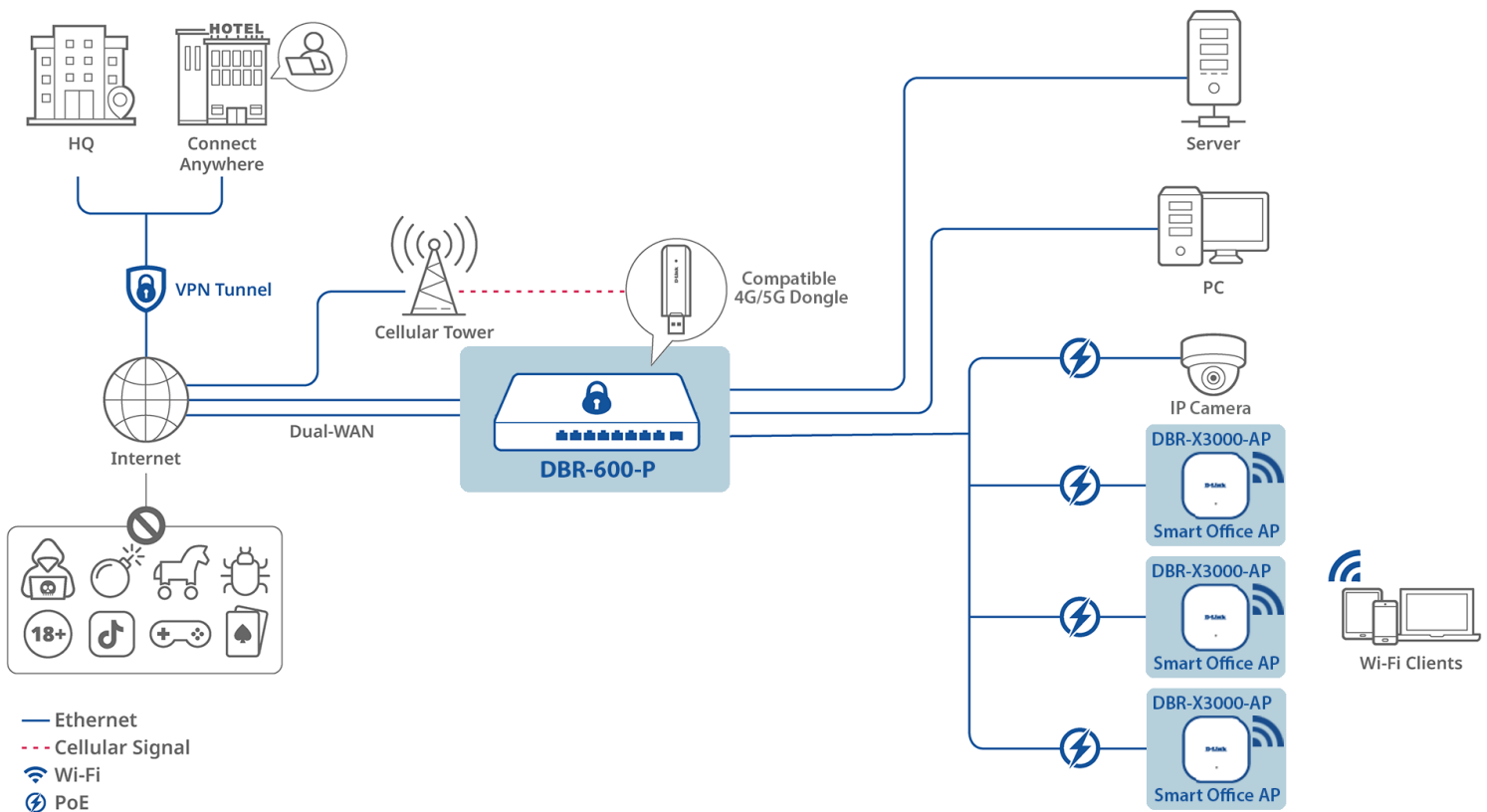
Firewall Security

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), content 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 DBR-X3000-AP Smart Office Access Point is managed through a Smart Office Series Business Router such as the DBR-600-P and operates 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



Multi-WAN 2.5G PoE Smart Office Series VPN Router

Technical Specifications		
General		
Device Interfaces	• 1 x 10/100/1000/2.5G WAN port • 1 x 10/100/1000/2.5G WAN/LAN Configurable ports • 7 x 10/100/1000/2.5G LAN port • 1 x USB 3.0	• 1 x Reset Button • 1 x Power Connector • 1 x Console Port (debug Only)¹
PoE	• 802.3at PoE output	• Up to 120 W total PoE budget
WAN		
Ether-WAN Type	• Dynamic IP • PPPoE • L2TP	• Static IP • PPTP
WAN Failover	• Dual Ether-WAN Failover	• USB LTE Dongle - Ether-WAN Failover
WAN Load Balance	• Dual Ether-WAN Load Balance	• USB LTE Dongle - Ether-WAN Load Balance
Network		
LAN & VLAN	• DHCP Server/Relay	• Port/Tag based VLAN
Port Forward	• DMZ • VPN Pass-through	• Virtual Server • DDNS
Routing	• Static • RIPv1/v2	• Dynamic
Security		
VPN Tunnel	• PPTP/L2TP • IPSec	• OpenVPN/GRE • WireGuard
Firewall	• IPS/IDS • MAC/IP Filtering	• SPI Firewall • URL Blocking
AP Management		
Managed AP	• Manages up to 10 x DBR-X3000-AP Smart Office Series Access Points	
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	• Clients Status and Statistics
Device Firmware	• Firmware Upgrade	
Physical		
Power Input	54 V/2.7 A	
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	
Dimensions	120 x 190 x 38 mm	
Ordering Information		
DBR-600-P	Multi-WAN 2.5G PoE Smart Office Series VPN Router	
Barcode / UPC	790069480683	

1. Console port is not operational and it is only used for special debugging purposes