# USG2110 Unified Security Gateway

Overview

The USG2110 series is a family of network devices designed by Huawei for small enterprises, branch offices, operating nodes, and SOHOs. Based on advanced software and hardware platforms, the USG2110 integrates a wide range of functions including firewall, VPN, routing, switching and wireless access (Wi-Fi and 3G). With the USG2110, you can deploy multiple services on a single node and enjoy secure, flexible, and convenient solutions for integrated networking. This series cuts the operation and maintenance costs, and maximizes your return on investment (ROI).
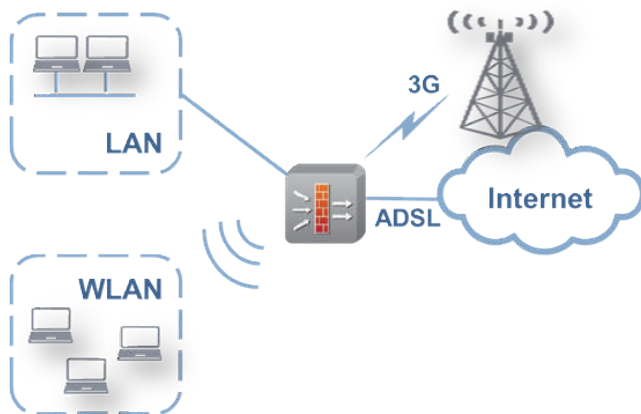
Highlights

Small Device, Comprehensive Functions

• Provides 5 models and a variety of product solutions
• Integrates a wide range of functions such as routing, switching, wireless (Wi-Fi and 3G), and data security, and provides low TCO and All-in-One solutions.

High Performance and Reliability

• Provides 180 Mbit/s of firewall throughput, 40 Mbit/s of VPN throughput, and the multi-thread processing technology to ensure fast data and security service processing and improve user experience.
• Provides a stable VSP software platform and continuous fault-free operation to ensure the stability and reliability of your business network.
• The industry's unique dual-3G uplink access mode allows the concurrent access of multiple carriers.

Choice of Wired or Wireless Access

• Supports optional redundant multi-uplink ADSL/FE/3G access.The mutual backup ensures network connectivity.
• Provides full wireless networking, with 3G for the uplink, and WI-FI for the downlink. The easy access simplifies network deployment.
• Supports rich wireless standards, including 3G-WCDMA and 3G-CDMA2000, 802.11a/b/g/n wireless protocols, which are compatible with the existing network, and can protect your existing investments.

Value-Added Security, All-Around Protection

• Basic security defense: supports functions such as firewall, NAT, identity authentication, anti-DDoS, firewall/VPN load-balancing, and bandwidth management.
• Professional threat prevention: supports IPS, anti-virus, URL filtering, and anti-spam (AS).
• In-depth application control: controls popular applications, ensures bandwidth for mission-critical services, and improves employee productivity.

User-Based Unified Policy, and Simple Management

• Provides user/application-based security policies of fine granularity to ensure accurate protection.
• Provides unified security policies in all series, and supports centralized and simplified configuration of all security modules.
• Provides a professional Web-based configuration wizard, and visible management software for centralized policy management and easy operation.

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Specifications

Model	USG2110F	USG2110FW	USG2110AW	USG2110AGW-W
Product performance				
Firewall	180 Mbit/s			
VPN	40 Mbit/s			
Recommended number of users	50			
Expansion and I/O				
Fixed port	2 FE WAN+8FE LAN	2 FE WAN+8FE LAN	1FE WAN+1ADSL2 +8FE LAN	1FE WAN+1ADSL2 +8FE LAN
Wi-Fi (802.11a/b/g/n)	/	Fixed	Fixed	Fixed
3G	USB expansion	USB expansion	USB expansion	Fixed 3G-WCDMA
Expansion	1 USB	1 USB	1 USB	1 USB
Routing Features				
IPV4	802.1Q, static routing, WCMP, policy-based routing, RIP, OSFPv1/v2, BGP4, IS-IS, DHCP, and link aggregation			
IPV6	Static routing, policy-based routing, RIPng, OSPFv3, BGP4+, and IS-ISv6			
Security Features				
VPN	IPSec VPN, SSL VPN, MPLS VPN, L2TP VPN, and GRE VPN			
User authentication	Local Web, LDAP, AD, and RADIUS			
Basic security defense	Application/user-based access control, NAT, application/user-based bandwidth control, anti-DDoS, firewall/VPN high availability, and load balancing			
UTM	IPS, AV, AS, URL filtering, and application control			
Dimensions, Power Supply, and Operating Environment				
Dimensions (H × W × D) mm	43.6mm × 260mm × 170mm			
Power	18 W			
Ambient temperature	0 °C to 40 °C			