

# HUAWEI Secospace USG2000&5100 Brochure



USG2000&5100 Unified Security Gateway

## Highlights

### Multi-Core Hardware for Exceptional Performance

- Uses the advanced multi-core hardware and All-Flow multi-thread processing technology to ensure fast data processing and improved user experience.
- Employs the stable VSP software platform and next generation high efficiency engine to implement one-time packet check for all security modules, greatly improving the throughput and concurrent detection performance and ensuring service availability and efficiency for customers.
- Provides professional bypass cards to protect networks from breakdown.

### Simple Configuration and Management

- Provides user/application/content-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 profession Web-based configuration wizard and visible management software for centralized policy management and easy operation.

### Professional and Comprehensive Protection

- Basic security defense: supports high availability, NAT, VPN, identity authentication, load balancing, bandwidth management, anti-DDoS, and IPv6.
- Complete UTM function: supports IPS, anti-virus (5 million viruses), AS, URL filtering (65 million URLs), and application control (1200+ applications), effectively ensuring bandwidth for mission-critical services and improving employees productivity.
- Virtualization: virtualizes the firewall and UTM functions, supports refined management of security policies for each virtual zone follows the trend of cloud, and smoothly transfers to the next generation network.

## Overview

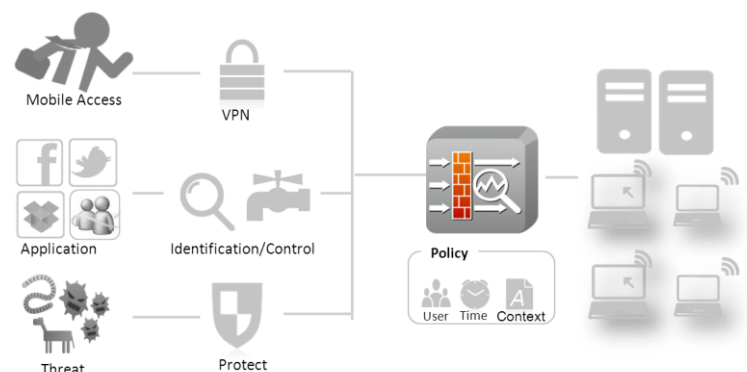
The USG2000&5100 series of Huawei integrates security functions including IPS, AV, AS, URL filtering, application control, and content filtering, and other functions, such as routing, switching, high availability, VPN, NAT, bandwidth management, identity authentication, load balancing, IPv6, and visualized management to protect networks against DDoS attacks, worms, Trojan horses, viruses, intrusions, and other network infringements, providing a reliable and secure network for small and mid-sized enterprises.

### Choice of Wired or Wireless Access

- Supports multiple Internet access modes by means of FE, GE, E1/CE1, serial, ADSL2+, G.SHDSL, and 3G (WCDMA, TD-CDMA and CDMA2000).
- Supports 802.11 a/b/g/n WLAN to maximize your return on investment (ROI).
- Supports 10 expansion slots and up to 88 GE ports (with a single card supporting a maximum of 20 GE ports) to meet your needs for network expansion and seamless upgrade.

### All in One, Low TCO

- Integrates a range of functions such as routing, switching, wireless access (Wi-Fi and 3G), and data security, accelerating the deployment and decreasing the maintenance complexity and the TCO.



# HUAWEI Secospace USG2000&5100

## Brochure

### Specifications

Model	USG2110F/W	USG2110AW	USG2110AG W-W/-C	USG2160/W	USG2230	USG2260	USG5120	USG5150
<b>Performance</b>								
Firewall	180 Mbps			200 Mbit/s	900 Mbit/s	2 Gbit/s	2.5 Gbit/s	4 Gbit/s
VPN	40 Mbps			50 Mbit/s	300 Mbit/s	500 Mbit/s	1 Gbit/s	2 Gbit/s
Virtual firewalls	10			10	100	100	100	100
Users capacity	Around 50			Around 50-200	Unlimited	Unlimited	Unlimited	Unlimited
<b>Expansion and I/O</b>								
Fixed port	2 x FE WAN + 8 x FE LAN / 2 x FE WAN + 8 x FE LAN + WI-FI	1 x FE WAN + 1 ADSL + 8 x FE LAN + WI-FI	1 x FE WAN +1 ADSL + 8 x FE LAN + WI-FI + 3G	1 x FE WAN +8 x FE LAN / 1 x FE WAN +8 x FE LAN + WI-FI	2 x GE (combo)	2 x GE (combo)	2 x GE+2 x GE (combo)	4 x GE (combo)
Expansion slot	Not supported			2 x MIC	4 x MIC+2 x FIC	4 x MIC+2 x FIC	4 x MIC+2 x FIC+2 x DFIC	4 x MIC+2 x FIC+4 x DFIC
Interface module type	USB expansion: WCDMA 3G, CDMA2000 3G, TD-SCDMA 3G			MIC: 1 x FE (RJ45), 5 x FE (RJ45), 1 x E1, 1 x CE1, 1 x Wi-Fi**, 1 x SA, 2 x SA, 1 x ADSL2+, 4 x G.SHDSL.bis, 2 x G.SHDSL.bis, 1 x G.SHDSL.bis, 3G-WCDMA, 3G-CDMA2000, 3G-TD-SCDMA DMIC: 8 x FE (RJ45)+2 x GE (RJ45) FIC: 2 x E1, 2 x CE1, 4 x E1, 4 x CE1, 8 x E1, 8 x CE1, 2 x FE (RJ45) +2 x FE (combo) , 1 x GE (RJ45), 4 x GE (RJ45), bypass DFIC: X86, 18 x FE (RJ45)+2 x GE (SFP) , 16 x GE (RJ45) +4 x GE (SFP) USB expansion: WCDMA 3G, CDMA2000 3G, TD-SCDMA 3G				
<b>Routing Features</b>								
IPv4	802.1Q, static routing, WCMP, policy-based routing, RIP, OSPFv1/v2, BGP4, IS-IS, DHCP, and link aggregation							
IPv6	Static routing, policy-based routing, RIPng, OSPFv3, BGP4+, IS-ISv6, ICMPv6, ACL6, NAT64, 6RD, QoS6, DNS6, DHCP6, PPPOE6, and ND-RA							
Multicast	IGMP V1/2/3, PIM-DM, PIM-SM, and MSDP							
<b>Security Features</b>								
Application Analysis & Control (DPI)	IP, TCP, ICMP, UDP, SMTP, DNS, RPC, NNTP, GRE, Telnet, Netbios, SMB, IPv6 over IPv4, IGMP, GRE, Microsoft SMB, TNS Client/Server, HTTP, Port 80 misuse / Application Tunneling, FTP, DHCP, DNS, FTP, File Sharing (peer-to-peer), Finger, HTTP, IMAP, IDENT, LPR, NNTP, NTP, POP, R-Services, RPC, MSRPC, SMTP, SNMP, SOCKS, SQL, SSH, TELNET, TFTP, H323, H225, SIP, SSH, WINS, IRC y LDAP.							
VPN types	IPSec VPN, SSL VPN, MPLS VPN, L2TP VPN, and GRE VPN							
Authentication	Local Web, LDAP, AD, and RADIUS							
Basic Security	Application/user-based access control, NAT, application/user-based bandwidth control, anti-DDoS, firewall/VPN high availability, and load balancing							
UTM	Signature-based IPS, AV, AS, URL filtering, application control, keywords/search engine filtering, user-defined signature, manual/automatic/local signature update							
Attack Defense	Defends against system vulnerabilities, attacks based unicode, unauthorized downloading, spoofing software, spyware/adware, keyloggers, dialers, also provides protocol identification and multicast traffic inspection.							
<b>Dimensions, Power Supply, and Operating Environment</b>								
Dimensions (H x W x D) mm	280 mm x 190 mm x 35 mm			420 mm x 255 mm x 43.6 mm	442 mm x 414 mm x 43.6mm	442 mm x 414 mm x 43.6 mm	442 mm x 414 mm x 86.1 mm	442 mm x 414 mm x 130.5 mm
Weight	< 4.4 lbs (2 kg)			11 lbs (5 kg)	11.9 lbs (5.4 kg)	11.9 lbs (5.4 kg)	14.3 lbs (6.5 kg)	18.3 lbs (8.3 kg)
AC power supply	100 V to 240 V							
Power	18 W					35W		