

# Panabit AX50-4G Intelligent Application Gateway

## Product Specification



### Product Overview:

**Panabit AX50-4G** is a high-performance, versatile, all-in-one intelligent gateway developed by Panabit on a domestic platform. It supports 4G network access and offers streamlined management with features like load balancing, traffic control, SD-WAN, firewall, and internet behavior management. The AX50-4G enables full network visualization and detailed service quality monitoring, providing real-time insights into overall network health and meeting users' needs for fine-grained traffic visibility, control, and auditability.

### Product Features:



#### 4G Network Access

Addresses coverage issues in remote areas and emergency scenarios where wired networks are unavailable. Provides disaster recovery link assurance, boosting total bandwidth and network reliability.



#### SD-WAN Networking

Provides a cost-effective branch networking solution with options for business acceleration and encrypted tunnels to meet diverse business requirements, offering a secure and smooth user experience.



#### Integrated Wireless AC

Works with Panabit APs, supporting zero-configuration onboarding, centralized configuration, and optimization. It enables a unified wired and wireless network setup, simplifying enterprise management.



#### Application-Level Assurance

Supports next-generation load balancing based on application protocols, domain names, servers, and refined traffic control, enabling precise service-level management. Enhances network access experience for both internal and external users.



#### Internet Activity Auditing

Provides a 1:1 comprehensive internet activity log and is compatible with Panalog to meet compliance with Regulation 151. This gives users full documentation and insights into network activities and trends.



#### Built-in Threat Intelligence

Provides automatic updates for malicious IPs and domain libraries with alerts, blocking, and logging capabilities to ensure user network security. It prevents access to sites containing malware, phishing, cryptojacking, and more.

## Specification:

<b>Device Type</b>	Desktop
<b>Wired Network Ports</b>	4 x 10/100/1000 Mbps adaptive Ethernet ports
<b>Other Ports</b>	Management port (MGT), USB Console port Reset button
<b>Wireless WAN</b>	4G
<b>Wireless Network Standards</b>	LTE、UMTS/HSPA+, etc.
<b>4G LTE Max Upload Speed</b>	50 Mbps
<b>4G LTE Max Download Speed</b>	150 Mbps
<b>Wireless Carrier Compatibility</b>	Compatible with all carriers
<b>Power Supply</b>	External, single power source
<b>Chassis Material</b>	Metal body
<b>Recommended Concurrent IPs</b>	≤80
<b>Recommended Bandwidth Throughput</b>	≤500Mbps
<b>VPN Types Supported</b>	Proprietary iWAN Tunnel Protocol IPsec VPN L2TP VPN
<b>Environmental</b>	Operating Temperature: 0°C to 45°C Storage Temperature: -40°C to 70°C Operating Humidity: 10% to 90% RH (non-condensing) Storage Humidity: 5% to 90% RH (non-condensing)



Beijing Panabit Software Co., Ltd.

Address: 1st floor, New Industry Alliance Building, Phase II, Zhongguancun Software Park,  
Haidian District, Beijing

Website: [www.panabit.com](http://www.panabit.com)

Support Email: [support@panabit.com](mailto:support@panabit.com)

\*The content in this document is the property of Beijing Panabit Software Co., Ltd. Panabit reserves the right to modify the contents of this document without prior notice to clients.